<211> 813
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(813)
<223> n = A,T,C or G

<400> 2522
atntnttacc cctttcgant ccgttgctgt cggtttatat ccaggatccg tgcctttcca 60
ccgggtgtgg tgggcccaga ggcagcccaa ngagtggtgc tcttctgtcc agatgagcct 120
tggtgcccag aatggaaaag aaatcaggca tcggcctaag aggaactgaa agcaccccca 180
actctttcca gggccctcat tttgaataga attctctctg ggtggcagca gactcagctc 240
tgggacattt tgcctccacc tggaccttgg aggctgacag tggggagggc tgggcctaga 300
ggaagagcag aaatggggaa tatttggaag cggaggctgc tggacacaga gacctcctgt 360
tgggggtagt acgtggagac agaaccctgc ttctgggcat cctggggtag tactcacagg 420
ggcagggggc ccangcatct tgccagagcc aaaaataatg agccaangct cacatccctg 480
cagttggctt ctcaatcacc gttcagtacc ttctatgacc cccaagtaca aggtggncct 540
taaccatttg tcaaatgcat tncactnttc ttcctttttc ccaatttcta aangggttct 600
ttgggaagtt ccatcttgaa cctgtggttt tcaactttgg aaccgaaaat gttttaagga 660
aatttngggc caaggaaaaa aactacttcc nttcattggg taagcccttt gaatgggaaa 720
gggtttttc ttgaaaccaa gtngatttta aaaatcccca ttgggggngg gggtttcccc 780
aaaaaaaccc ttncnttttt natttaaacc ttt 813

<210> 2523
<211> 1619
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1619)
<223> n = A,T,C or G

<400> 2523
cncccccccac ccncccngac cccnnacnna ngggannann nnaannnnnn nncnncngnn 60
ngnnnncgcn naannnnncn aacnangnaa ccgnnnancn ngnnnnnnnn cnnnnagnan 120
aggnaanagg aggangccgg ncngcanncn cgnnnnccng nagcgcngcg cagccggacn 180
ngngaggnnc cnngcgnngc ggaanccacn gcgcnangcg gancgnacnn gngnngaacn 240
caccncncnn nncncnncnn tcgggatacn ggaaaaccct ttngngaaaa ancccnncca 300
ngnnngacac aagaagncnc acaccangac ccccnnnccc ancngcngcn ancagcgngn 360
gnggggccaat tcnaccccnt cnccnaagag cncaacgncg ccagnncnca acnggcncag 420
nacccngnag gancaannac ganaaaanng nacgccgngc acagcanncg nacgnnncac 480
gcncnngncg accncccgcn ggggnnggan annccacgnc gcgacgnaag ccgnccgcga 540
cggcacnacg accgccncca cgncccgacg naggcggaag cacgccgccc gngangacan 600
ncngnagnng cgngncngag cgcanacgnn acncnangca naccngancn gagcacnacg 660
cggcncaccc nncccgnagn nncaaaacnc nncaccnagg ancncgcnan cccgcgcncc 720
cngcgnccga cgncgcanng nagnacnccg cgaccaagcg nccgcngcga ngaacgnnag 780
caacgaangc ggcgcnngcg nncgcgnnga ncnaacggac gcacgcgcna cagcngcgng 840
nagacggacc nggnngacac cncagnncgc ncncgagacn ncgccnngcc ggcgaacgac 900
cncgcccggn nngggcacgc cacaacgngc gcnccnacga ccnggcncna nnnannnaag 960
caggaccgca gagaacgnaa cgncagacac gacanacanc gagggngacc acgcacagcc 1020
gngcancnna gcnacngngc gncaancaca cgcggacgnn cgncgcgaqq cnacgctngn 1080
gnacngaacn aaacgggacc gcggggacgn cannacacga nnncgcacgc gngcgncgac 1140
ncggcncggn angcgagaca acgaaagcgn cgnnanngca acncnacgcn cccaaagcac 1200
acgnaanggc ncaggagngg ccnanaaann ganacctgcg cacgngngcg caccgagacg 1260
agcacgcgag acggccngcn gagggnaagc gagacgccaa caggcgcgcc gacgagcggn 1320

ccncagncgg aaccgnagna acccggggac gnncgncgnc gcgangcgca cgcnnnaccg 1380
agacgcaccg aancacaccg acgacgcatc gcgnagccaa aacganaagg gngggcnacc 1440
ggacaggnaa nggancgaac agcnacgcca ccgnacgnna cgcaccgcac gggcaggcnc 1500
gggacganac annnnaangn agncanncgc gcgacgggaa acgcncgcgt acgcagnngn 1560
aaancgnnan cgcacngcgn ccgggnacac gncccgcaac gnanacggac gngncgccn 1619

<210> 2524
<211> 756
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(756)
<223> n = A,T,C or G

<400> 2524
nttttaccnt cgnttcganc cgttgctgtc gaatctgtaa acctttatga cattaggaac 60
taagaaaact tagtcccttc gttaggggga taatgaaatg tatttagtgt ttgtgaaaca 120
tagatgggta tgtatttggg acaattctgt aactttgctt tttttatttt tatttttcca 180
tagcttattg gggaacaggg tggtgtttgg gttacatgat taaagttctt tagtgggtga 240
tttgtgggat tttggtggac ccatcaccca agcagtgtac actgcaccct atttgtaatc 300
ttttatcccc cgccccccctc ccaccatgcc tcccgtctac catgatgatc ctgttttaaa 360
taagaaaata ccatttcgca ggctccagat gttctggcat cctccctgtg gatttcccag 420
tgcctgcagc tcacaggaca acaggggctg tggtagagtc acctatgaga tcctggagta 480
gtggatggag gagatggaac agtgaagacg gaaactgagc tcagtatccg ggtgccagga 540
gacaaaggcc ctttgctttt tttcatttaa tattctgatc tacccctgtt gacacatgtt 600
aaagtatagt cattttgact gctatgtatt atgttccatt ggggggaaca tactggaatt 660
gtcacttcaa tctatactgg atctcctggg tgtatttaaa aggtttngtt tttttaagta 720
gttgggtatt tccaactnaa acctcaaaaa actttt 756

<210> 2525
<211> 740
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

<400> 2525
tntntncgcc tntcgcgatn ccgttgctgt cggagaaacc aaacaggtaa aagcaagtgg 60
tgaagccaca tggattaatg agatgataga aagtacaaaa tcactatgta agtcagatta 120
aaaagccagc ttgcactctc tgctttcatc tttttgaagc aataactatt acataaatca 180
gtgaatacag tatttctaca gtatttgaaa cggtgttcac acccagcaat tccacttcta 240
gacatatatc caagagaatg gaaaacatgt gcacacaggc acttgtacat gaatatttat 300
ggaagcatta ttcacaatag ccaaaaagtg gaaacagtcc aaatggccat caagatgaat 360
gaataaataa aatgtagtgt gtgcatgcag tggaatatta tttgcccata aaaagaaatg 420
aagcactgat gcaggctgca acatggatga acttgaaagc tttatgctac gtgaaagaag 480
ccagtcataa aaggtcacct actgttattc ctttcatagg aaatatccag ataggcaagt 540
ccatagagac agagaggaga ggagtggttg ccaggggctg ggcaaggaga atgagagtga 600
ccgctatggg tgtggcattt ctttgtgagg naatgaaaat gtctgtttag atagtggtga 660
tcattgcaca ctctgtgatg tctaaaatca ttgattgtca cttgaagaat atttagtigt 720
attattctag ttaaaaaaat 740

<210> 2526
<211> 722

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(722)
<223> n = A,T,C or G

<400> 2526
gagggctatg tccatgcggn cctcaaacna cgtaacatat tgtggagtgc agagaatgaa 60
tgttttaaac tcattgactt tggacttanc ttcaaagaag gcaatcagga tgtaaagtat 120
attcagacag acgggtatcg ggctccagaa cagaattgca aaattgcttg gcccangctg 180
gcctgcagag tgatacagaa tgtacctcag ctgttgatct gtggagccta ggaatcattt 240
tactggaaat gttctcagga atgaaactga aacatacagt cagatctcag gaatggaagg 300
caaacagttt ctgctattat ttgatcacat atttgccagt aaaagcaant ggtgaatgcc 360
gcaattccag cctatcacct aanagacctt atcaaaagca tgcttcatga tgatcccaag 420
caggaagaat ttctnctgaa atggcattgg tgcancccat tctttagcna ttccttttgc 480
ccctcatatt gaagatctgn tcatgctttc cactccagtg gctaagactg ctgaatgtgc 540
tgggntgatg attatcttga gaatgaaaga aggattatga agatgttgtt gaagaignta 600
aaagaagaag tggcaaaaat nttggaccag ngggattctn tacttggtnc caaaaggaaa 660
aatccttggc annaaggana angtctttgg ttgagtattg ccaaatgctg gnggatttcc 720
ct 722

<210> 2527
<211> 1163
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1163)
<223> n = A,T,C or G

<400> 2527
gggnnggggn nnggnggggn annnnggnnn caannanang ngnnnnnnna nnnnnnangg 60
naanggnngg gggnggggnaa ngaaaannnn nnngcnnaan ccnnaggggg gagaagnann 120
nnnnangggg nannaaannc gncnggancn ggnanggnna aannnngaan gggngngngg 180
annncgcana aggncnacgg annggganag ggnnnnggan nnnnnncaan nngangggag 240
anncgnnnna anccannnnn nnnngnnnnn tcgnnanccn naaagcccct tncgggnaaa 300
gnncngggggg gggggancaa gggganggacg gaccgcngca cagaggccac caccanacnc 360
gacccnnagg ggagggaagg ggacgccnnt nnnttcccan gcnggaagag gancgcgncg 420
canngggggn gggaggggga nanaggngcn nggnnagcnc acngnnagac ggngcnngng 480
ggaggacgcg aggnagacac ngncgagana gncaggcgcg cagagcnagg aagcgcnccg 540
ggggggggagc aggcgaanag gcagcnnaag ggnccatcgg agagnggncg ccaggcgacn 600
ncggcgcncg gcnnagnncn nngnangana nagccganga ncggnncccg ncancgncga 660
gcacaggnng agcgggcgan nggngnngaa cgnngcgngg cacgggggcn cagganangg 720
agggaccgca ngaccangnn agagcnnggn ggcaggggggg cnngganaan cacnggnaaa 780
gncccggcgg gaagggnanc cnccggnggg nnccnccnnn nccgngngng ggggngcnnn 840
ggcngggngg ncgncnncgg gnncgccnnn nngcacggac cgccacacgn ggacgagagg 900
gcnagcgggg gccgnaggng ccgngnngcc annaagacag agcgncggga ngananggac 960
ancgggagag naggggcgng gnncgcncac gngcggngac ggnggagnga gacggggagn 1020
ngncnannca nagcngaagg ggngcgggnc gannggggnnn acnccggnga ngagnaancn 1080
nnggggcncg nnncgcngng aaannnggga gnaccgngna ggcanangan cgnannnnaa 1140
gaaaggngaa nanacccccc ncc 1163

<210> 2528
<211> 1347
<212> DNA

<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1347)
<223> n = A,T,C or G

<400> 2528
nnngnnanan nnnnnnnnnn aaanngnnnn nnnnnnnngn nnnnnnnnnn nnannnnnnn 60
nnnnnnngcn nnnnnnnnan nnnnnnnnan nannnggnnn nnnnncnnnn cnnnnnngnn 120
nnnngnnngn nnagnnncng nnnanngnna nnnnnngngn gannggnnnn ngnnnnnnnn 180
nnnncgnnng nnannnannn gcnannanan nnnnnnnnnn nngnnnnnnn nnntccntaa 240
tcctnnaaaa acccctttтt ggggaaaaaa ncccccnnna nnnnnnnnng nnnngnnagg 300
gaancnncnn ngcncgcnnn ttnnntnnnn nngngngcgc nnatnnannn gcgnnnnatn 360
nccncgtttt ttttttttcn nnncgngnan nngangnann aggaggaggg nnnngtttag 420
agnngngcnn anngagaacn ttttnnacna nnccganncn cgnacgngcn gngnaanann 480
gngngacngn acngncnaga nngncngana ngacncggan gacagnnacn cannnnggan 540
gnncngacng nncnnagnag agancgngca gggacaagcn ggggcgcgga nnanangcga 600
cggnnnnagc ncccancana cnancgngnn nnngcagnaa nngnncgaga cgnnagagan 660
aagagngacn gagcnnngtc anncggcgna ngnngnacnn ggngnggnna ggcgcgacgc 720
gagnangaga nnncgaanga cganggnnnn nngcgaggnn ggagacnacg nannnnnnag 780
nnnagcgngc angaannagg nncgnganna ngaaggaanc ggcgagnann nnaccgancg 840
annaangann ganacgnngc nngncaagna nggtngnana ngnnnnggga nggcangcan 900
ggnnangnaa nngganngna nncgnaaggc nngcngnann anngcnangc acnngnacng 960
nnangacaaa nganancgna agggaaacgg ggagcggnaa gcggnaacna agcggcgngn 1020
ngcacaangn cnnnggcgnn gcanangnga cgngnncgnn acnagnnnng acgnngaang 1080
cangacnaac gngnnnggaa agggnngagn annnnanggc aacgnnnnng gnncgnnnag 1140
ncanggnanc ggaacgngaa ngnanangna gggcaanana cgcgnaancn angnnncgca 1200
cggcnacgca ncgnnngcnn annnnngcgn ccnngngaac gnangnanac gcaaanancg 1260
nnggggancg angtntcgac ngngnagnca gnangnaggg acngannnat ggannganga 1320
acgganggan ngaancncag acgngcg 1347

<210> 2529
<211> 1126
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1126)
<223> n = A,T,C or G

<400> 2529
gnncgcnggn ngngngnnng gnggnggngg nnggngnnng nnnngnnnng ngnnnagggg 60
nngnnnggna nnnnnngnnn nnngcgnggg nggnnnggnn nngannncgg ggggnnngtn 120
nngggcngga nggnnngnng gnggggngnag gngcngnnng nnngnnngnn nnnnnnnnnn 180
nnngnatntg ntttttngga ccttggggna gncnggcngn gnggggcngg agnggcgtng 240
ggnggcgnnn gncnnggggg gggcgnggggg nactttnntn ggggttttag gcngccgcng 300
gnncgcgggg gggggangcg nagggnggng ggngcggtgg gnggggngtag ccgnggggnga 360
gaggnggagg cgggnagggn ggngnggggnn ngcgagaggc aaccggntga agacgaggca 420
ggggantggc ngnggncgcg ngnnggggcgc ngcgccgcnt gtcngggggg agggggnggn 480
nggcagggng gcgccgggggg ggggcgggggg nnggggangn gnggganga ggcncgggggg 540
gggncgagct tgannggggcg gngnggggaat ggcgnnctgg ggaggccgnn gttgnnggag 600
cgnncggggc gaggqqqqag ctgngagggg ggggcggang cggcgnngan nggagngngg 660
gnggggggnn ntncgangan gggagggcgg ggangaggnc ggntagaang gnatngccgg 720
gtggggcagg ggnggganga ngggngtcgg gtnagggngg tgggggggggg aggngnggggg 780
gnncncnngg ntggaggggn ngnnnnnnnn gaggggnggg ngacnanggg gnnnaggggg 840
gagaaggngg ggtagccggg gnannncgcg gcggcggatt ggncggagga nagggnggga 900

```
gggggntgga gggggngngg gnggcggcnc catgnnnggg nggggntngg gagggncngn     960
gaggaggngg gnnggggggg ntgcannagc tangngggag atcggggngn cgnnngtgan    1020
gngacgggan ggtgnnagng anagngtgng ngnggcngag cggggtgnng atngctnagc    1080
gnaggagcgc gcgtgtnnag nacggcggaa ggnnggcggg ggagcg                   1126
```

<210> 2530
<211> 989
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(989)
<223> n = A,T,C or G

<400> 2530

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gnnnnngnnn nnnnnnnngn nnngnnnnnn nnnnnnnnnn ngnnnnnggg gnnggnnggn      60
gnnngnnnng gggngngggn nnnnnnngnn ngnnnggggnn nggnnngnnn nnggnnngnn     120
ngnnnngnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnt ggnngntcgn gagacccttn     180
ggggngnncc cgggcngncg gccnggngcc ngcgcgggcn ggggngggggn gggngcangg     240
ncaggcgggg cngctgcggg gtcctgcccc nccnncngag gacncggncc nncgggnncn     300
gcggcgngnn ccagggcgng nggggcngng accngggccn cgacnncncc ngggannccn     360
gcgcnagcgg cggggncnnc nggcgggaca gngcgcnggc ngncnngngg ccnngggaca     420
nagagacggn gccncggnng ccccngcgcc gnggggngga gcccnggggn ngnnccnnca     480
gaccncccng ggnngnggga cnggggnccc cnggnggggn ggggaccaag gancccggcc     540
ggcncgggng ggggggccag ccncccnncg ggcngnggcg cgggggggcc cgnggncggg     600
cgnngccncc nnngcccngg cccnggnccc nnngcggggn cccnngggcn ggnggggggn     660
ggaagcagnn gncnnnccgn cgancgnngg gggggncgng ggnnnagggg gnggnnggggg     720
gcncnnccng ggggggggncg nnnggggnggg gggggggana nggcnnggggn ggcggnnggg     780
gcccaggnnn ncgggcggng gncccnnggggg ccnnccccnn cngaggggna nggnccnngg     840
gggggggaggg ggnggnggnc cnngnggnnc gnggngggnc gggnggggcc ncngganacg     900
nnggggggnn ggccgggggc cccngccngg gnggggggna naagcnnnng nnggggggng     960
ggggggggggg ccncccccnc ncccengcg                                     989
```

<210> 2531
<211> 751
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

<400> 2531

```
ttaatcttac cccttncgan tccgtgctgt cgcttgtaca gtatttctac tttttattct      60
aatcaactgg actgttgcat tatttttatg tagattgcta acaaggtttt tgaagaaaca     120
ctcttaaaag tcataaaagg gaaaatcttg acagttctgg gatattgcca cccttgacct     180
tttggagaaa tgtagacagc atctcccagg catgacgcct agggatcgtg tttatctgtc     240
atcagttggt gactccatgt ttattgagca ctggctataa gccagacttg gtgagggact     300
gaaacaatta caagacacag ttctgcactg gaagaaatag gaatcaacct aagatttcct     360
gtcctgctag gtcatcaggt tcctgtccca ctactttcct tcctctacca aattcactta     420
tagcctccaa gtagtgtaac tatcaatagc acccctttca ctccccaaag tgtcctaatt     480
tggagagtaa gttgtatgat caccctacct acagtctgcc tgttttccaa tgcacacttt     540
gtctctcccc tgctcttgtt acatgtgtgt cctgaggcca ctttccagat ggtcttcctc     600
tgtcattact ccagcatgtc antgctttgc tcaaaaactg ctaactgggg tcttcattgn     660
gggtaaataa tccatttttct tatatcatgt agccnaaagc tctnttccaa tttggaaata     720
ctaanagtaa ctcctattca tgaacaggac n                                    751
```

<210> 2532
<211> 708
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(708)
<223> n = A,T,C or G

<400> 2532
nctccaaaaa tttgcttgat cttgggtctt gttcagggca gaaagagata atacaaggct 60
ttggtgatgc ttagcatttt agaagaagta atgctgggtg ggaaatggat ttggcagtct 120
cgtttttcgc atcattggaa tgggagtccc tcacagttgg agacaggatg aagtaacaga 180
gcgtggggat ctggattaac aggtggccat tcgcagaaag gaggctgcaa agcaagaggt 240
gggggcttct ggctgagcag gaagtgggag aggggcatcc ttgtgaggag cacctgtagt 300
gctggggttt gggcacaggc aggcagagga ctttatctga tcatctcaaa taattttgcc 360
tctgcttgga agggttctag ctacaaaggc aacatagcag gtagtgcttg ggtgtgatgg 420
tgataggcac agcggtattt taaatactgg tggtacattt tangaaaaag aangtgacga 480
gtncctgggg aaagtccctt gtggtggccc atgactcacc cgtggcccca aggggaccag 540
aaccagaacc aagggaagaa ttccatcaac cgaatgggaa acctttgtct tttttaaggg 600
ggaccaagga aanctttttt tttgtgttgg gttgggccct ggtnggcntt attgaaggaa 660
gaaggtggaa cantttttnaa acnaaaaacc ccanggcccc nttttttt 708

<210> 2533
<211> 1199
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1199)
<223> n = A,T,C or G

<400> 2533
gaatagtgta aaaaaccccc aaanttnttn naatttccgn gaaaanattt cccccggttn 60
ttgggcnttg ggttnccgan aaaaaaaaan ttttccncc caagnttatt ccancccccc 120
nctttacgag cntnggtggg ttttnctttn ccaannggan natgggaacn ccggnagnnn 180
ngngngctan taataaatta nnatacnatn nnnagttntg gannataata tanannaacn 240
annnattacg gnggagtant tttnttacta tnaanancaa atntgtnaca ntactnaata 300
ttgananatg tnataaatta aatagaacaa tattnnnatt ntaaaaggaa naaaatatna 360
ttananatna anagnnngaa gtanaataat aanataattn nntatnattc tatggaatan 420
aattanaata taactnaatn nttntaanan ganncttaca atctctntgt ntatatnana 480
anaatcgaaa attattactt actanatata aantatntan tcatnntnna aatnntaata 540
tanatatcnt tacaatanat nattattaat aacttaaana aacananctc ntatantttn 600
atancnanat aatacanana anatttgatt nataatnana tannnaatta atttataata 660
tatanttatc nannataaaa nnatntatna nattntnnan aaatatangn anaantactt 720
atatcnanaa atanttaaaa naaatatcna ctantaatag aactacattt atttanatca 780
ttcatnnant tttcatagan anntatnaaa tcntattatt nacanntnat ttaatttana 840
tntaaactta tantatnntc tacnnataac tannttaaaa tnatatnnan ttattnanat 900
aatanatatc tantataaat ananntanat aataaattta atnttactna ntatatatat 960
tnataagctn ttnntatata tagatnatan gaacnnantn atattnnatt anaanataan 1020
nanatatgta tatatanatc ttacntnttt catatataat ntntnttnac atatatnaat 1080
ntatctatct anttcatcaa tactattnna tacaattata aacattatnc tnnatttnnn 1140
naaatatata ttatnantaa ntntntctct annntatana taantatana annttttnt 1199

<210> 2534
<211> 709

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(709)
<223> n = A,T,C or G

<400> 2534
naaccncgnt cgantccttg ctgtcgaaaa gaacttaaaa cgttcccaca ggcccntaaa 60
agtcttgtga gttctggcat tgtggttcac acatcagatg cccaagttgg ccctggtccg 120
cagcagagga gggctttgat gggacttagg gtatcacagg tgtgctctgg ctgttgtggg 180
gaacagactg taggcagcca gtgtggaagt gcagggacct ggaaggggtt gactgcactg 240
gccctggaag gccctggtaa gaggtggtga ggttgaaaat aaggttgggg gggccgggcg 300
cggtggctca cacctgtaat cccagcactt tgggaggccg aggcaggcag atcacgaggt 360
caggagatgg agaccatcct ggctaacacg gtgaaaccct gactctacaa aaatacaaaa 420
aatttagcca ggcgtggtgg cgagcatctg tagtcccagt tactcgggag gctgaggcag 480
gagaatggcg tgaacccgga aggcggagct tgcagtgacc tgagatggcg ccactgcatt 540
ccacctgggc aacaaaatga gactncgtct caaaaaaaaa aaaaggaaaa aaaaggaaaa 600
aaaaaaaaaa aanntntntn nggccntttt tttcntantc cccaantttn aaaaaaantt 660
ttgtnggatt tngcncaccc ncccctttan tnntnnnnnn nnnnnnnnn 709

<210> 2535
<211> 746
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

<400> 2535
naaccacgat cgantccgtg ctgtcggttt ggtttatata taatgaggga agaagatgat 60
tacattattt ttgtcacttt gccatcattg tttagaagtc atagaaagaa tttttaaata 120
ggccaataag tcttaaactt gagtacttgg cttagaagaa agtcaaaact ccttcctttt 180
tgactaagtg gtttgtttct ggggagctct taatttctat ttttataatc attagcctat 240
aaggaaattg tgtcttcctt gttctcaggg tgatctgctg accttgttca ctcatgaagc 300
atttgggtat catacttata gtgtctgaaa cataaactgt attgagctag acaaggtata 360
gcctcctctt caagtagcaa atactatcaa aagctataat gcagtaggag caaggtggtc 420
cttgttccag tttttgtctc agttctgctg ctgatgtacc atgatcttgg gaaggtggtg 480
tctcagtgtg gagatctgac acattgttac cgtgcctcct ggctggaggg acttggagaa 540
caatgcagtt aagtagaatg ggttttaacc aatacagaga aaatttattc cattttaaaa 600
taaaaaatct ggatttttta agaacctttt aaaaagcttt tggtaccagt ggtaaaataa 660
gaatttaaat ggtattttaa acatgccttt tatcaagccn ccaaaatnaa agggattttt 720
aaaaattttt gtccnaaaaa aattaa 746

<210> 2536
<211> 708
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(708)
<223> n = A,T,C or G

<400> 2536

naccacgatc gaattccgtt gctgtcgcaa tttctgagtc tctttctatt taatgccacc 60
aatttctgag gaactagagt gcagagtgga ttgcttttca gctttttcta ttaggattca 120
gatagctttt taattgctgc taatatattt gtcattcata ttgctttttt gttttcaaaa 180
ttcagttaat atttttttctt ctcattcatt ttgactttgt aggttcatgc catttgtaaa 240
accctctttg ttgtcttttt attggaattt tgagagggag ttaaatgtct gtttttaatc 300
taccatcttt aaaccaaaat tccagctatt taatttcagc atgaagaatt gcattaaaaa 360
cagagcagtg aatcatttta tgaataataa tgctggattt tatttttaaa aattatccta 420
gcctaaaatg tttaggatca tcatagcatt aagagagatt tatatttggt aagaaatcaa 480
aaacatcgtc agttttcatg cttaaagtat ttaggatcat aatagcatta agaaagattt 540
atatttggta aaaaatcaaa aacatggtca gttttctagt ggaaattttt catggcacta 600
taaatcttta gtaacaagat tttctatggt tagnctttgg atatcttttt ttttcttaac 660
agtagtttat aaaaaggatn aaaagctgnc atanggctgg gcccagng 708

<210> 2537
<211> 710
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(710)
<223> n = A,T,C or G

<400> 2537
tcctcgntcg antccgttgc tgtcgcaatt tctgagtctc tttctattta atgccaccaa 60
tttctgagga actagagtgc agagtggatt gcttttcagc tttttctatt aggattcaga 120
tagcttttta attgctgcta atatatttgt cattcatatt gcttttttgt tttcaaaatt 180
cagttaatat ttttttcttct cattcatttt gactttgtag gttcatgcca tttgtaaaac 240
cctctttgtt gtcttttttat tggaattttg agagggagtt aaatgtctgt ttttaatcta 300
ccatctttaa accaaaattc cagctattta atttcagcat gaagaattgc attaaaaaca 360
gagcagtgaa tcattttatg aataataatg ctggatttta tttttaaaaa ttatcctagc 420
ctaaaatgtt taggatcatc atagcattaa gagagattta tatttggtaa gaaatcaaaa 480
acatcgtcag ttttcatgct taaagtattt aggatcataa tagcattaag aaagatttat 540
atttggtaaa aaatcaaaaa catggtcagt tttctagtgg aaatttttca tggcactata 600
aatctttagt aaccaagatt ttctatggtt aggctttgga tatctttttt tttcttaaac 660
ngtagtttat aaaaaggatn aaaagctgnc atagggctgt gcacagnggg 710

<210> 2538
<211> 1565
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1565)
<223> n = A,T,C or G

<400> 2538
caattccata annntnnann tacanatcta natatntntg ntnngnnant tnttatatat 60
tgantaantn tatnnatant ctttnanggt gaanactntc atgtcagctn naanaatttt 120
annttntagn gggcanntca tatattatgg tatctgatan nantgnnatn ntncctntgn 180
nnnnnnnnnn nnnnnnnana ccnngtatcg antccgtngc tgtnantata antnncngnn 240
tnccccctcg ttgangtgta aattatnata tagnggttnn cactttatat tctttttttc 300
attatattct ttactctttt ctannannac tgtnttttnt ttnttaanat naatgacnta 360
nttctcctant atcnanctnt aanaannnna tcatantatg anntnannta annnttantt 420
ataatangan ttttattntn antnntntnt nattttanta tgnattncat ntatnnnnct 480
ttttgatgat aanccttnaa natatattnt ntatantact tcaanntnta tnatcttnnt 540
nttatanant attatatatt tgtattatnc tntntaacta ntantttnct tantaantat 600

nattnatanc ncatntaatt tatatttcnc actnntttnt ancnatcata gttanattnt 660
antagtacta tcatntgtaa tntatttatt attttgatat nnnacttnnt ntatagtatn 720
ntatgtntat atataantna tatactattt tttatnagtt acattatata tnangtaatn 780
ttatnnttna tngtaatntn ctaaaatata tttcgatttn ntcaannttn atntnacgtt 840
atagtantta cnatcntatg taangatata cgagttaata naannaaana taaaatcaca 900
antangtann taatagntaa ntatnattct atanatntat naaaatctnt atatatatnt 960
nattgactan ntaatcgnat atattatctn ncgctattnn annatcgtnc tntnagtctt 1020
tnaatnttnc ttanaatanc anntnnanaa ctgtnanctg ttnatatatn ntntanntct 1080
atcatnntnt tatctttctc gtataaantt aaatnatatt tatcngtntg nntannntat 1140
aaanttntat taatcataaa cttatactna tcntttatac tcctattgac attncntaaa 1200
tatnntantt aatnatnagc tacaantatc taagctanat tntattgtat anatttanat 1260
agtntatttn tantctgtta taagtttaac tattantgta tgtgtctgnc acgtcatntc 1320
aattnntcta atactntatc tntntnaant attatgtgtn tgaagntatc tttatgtata 1380
nntgtatana nantnactat natntntata ngtaatatan nttantcnaa gnaatantga 1440
tanttctatn tnctntacat nttnantatn tatnttnttc ttctcnccat aangttcata 1500
nntttagtta cnntatnagt acaatcntta acgtatacga tcttatctct ncacacgnnt 1560
gatnn 1565

<210> 2539
<211> 723
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(723)
<223> n = A,T,C or G

<400> 2539
naccncgatc gantccgtgc tgtcggcaaa atagtatttt ctattactgt gcaggggaaa 60
gggatggatc gatacatgca aatttaatgt agtaactcac ttttccatat attttgaatg 120
tatatttcta tttatgatac caatttataa aaaataatta cacagaaaaa atggaatagg 180
aaaaattatg catctagcac atttaaactg tgcaaatatg aaaatttttc gaggattaca 240
ttttatctga aggctgcata ttttaactgg ctttaaaact gtaacacatc acataaaaga 300
tactttacca ggtatgtatt gcattatatc attgcaataa ttattggaag tctagatatc 360
gagccatccc aggtgttggg cgggggggagg gttgtggcaa gattgtcttt tcaattttgg 420
agagttttcc tgtggctaca aggcaagtaa cgggttggaa aaagtctgac tgtaagccgt 480
tggacacctt catagtgtag tgttttagtg actttttta tacgggtctt gtaaattaaa 540
atcnttgtaa tgggtgtttc aaaaatggtt tgtttatgca ctaattcaga caacttttcc 600
tggtacttgg tcttgataaa gtgaaaactg caggggaaat aaaaaaatnc ntntcaaaac 660
cttaaannan nannnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nct 723

<210> 2540
<211> 733
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(733)
<223> n = A,T,C or G

<400> 2540
tnaccttnnt cgaatccgtt gctgtcggga acactaatgg ccctccctgg aacagacacg 60
gcgccccccc acagaatagc ctcgatgccc cctggaacag cctcggtgcc ccctggaaca 120
gcctcggtgc cccctggaac agcctggtgc tcctggaaca gacacagccc ccccagaaca 180
gacacagcac cccctggaac agcctggcgc ttcctggaat ggccacatcc ccccatcctt 240

tctgtgctgc tttaggcatc tgcccttacg tggttcgtgt ccagctctgt caacaaggcc 300
agctccacaa gaggccccag ctcagccctc cccagtgggc tcccctactc aggctctggg 360
tcagcttctt cccaggaggt gtcctggccc ctgtgctggc cccgcctcgc tgcctggaca 420
cctgtccgtg ccaccctggt cactgagcag gacatccgcg tctgtggccc ctgggaccct 480
gccccgaca gccaggcctg ggtttgtcct tttaggtaga gtgcctggtc caggtcattg 540
gaggagaagt ccacatggcc acctctggcg tgttctaaaa aggccctccc gcgcttgggt 600
caggaggcca gcatcgggga acaaggaaaa angggggctt gagcttcctg gttccttttc 660
ttnccttccc cgaaggncaa anaaacattt cccattccga atgtccaatg gcgcttacca 720
gaattcnttc cnt 733

<210> 2541
<211> 708
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(708)
<223> n = A,T,C or G

<400> 2541
naccacgatc gantccgtng ctgtcggcct gggaagatat atgtctgatt ttcggacttg 60
gaagcaagat aaaggaaaga ggctgctggt ttatggtata gagattttca ctcgttaaga 120
aagtaacaaa gtaaggaagt aggattattg tagaaatatt attttacagt tcaagtttgt 180
aaaacacagg tgaaggtaat cgttggtggg tctcttcctc tgagatcacc aaattatctg 240
tagactggtt ggtagacttg gagagaccac ttgttcttgg acaacagtta gaagcatact 300
gccctaagca gtaaaaaggt gattgttgag ggcagcaaga ggcggtgtaa cataccagtt 360
catttttctt ttcttagcaa gcatgtacta attgcctttt aaaactcctg accatagggg 420
ataaaacgat tacaagaaag atacccttccc tgctcccatg gaatttacat tctagcacaa 480
cagtggatat taaacaacgt atcatctggt tatgtaatta cagtaataag aatcatgtag 540
gagaggtcaa ggaagcttac tgctgtgggg ttcaggatgg catctncgaa agtatgaata 600
aggaaagtgg tgggagaata aaaggagagt ggcagagact caaactgaga gattaattga 660
gataatgaca attgngggat tcaatgaggt gttaatgtgt tagncctg 708

<210> 2542
<211> 718
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(718)
<223> n = A,T,C or G

<400> 2542
tnaccnntnt tcgaattccg ttgctgtcgt ggaggcttac taaccaggta agccttctat 60
gcatccacac caaaatcctg cagaatgtaa gtaagctctg ctttataaga tgggttcacc 120
ttcatcgcag actgaaagtt tcagttttta tttttttcag aaagcacgaa aaattattta 180
taatagtctg gagaaaaaac acactgtaat atttcaagtg tatgcagtag aatgtactgt 240
aactgagccc tttcccacat gtctaggctc caatgtctcc tgtaggtcca cctaactgtg 300
tgttttcagg gacaatgcca tccatgtttg tgctgtagac ttgctgctgc tgaatccttt 360
ctggggactt tctcatcggg cagggagcag agggcttctc gttcatgcac cctttgcctg 420
aacacccatg tagctgctgt gttgtgtata tattactctt aagaggaagtg tgtgtgtctg 480
tgtttgtttt aaaagtcact tatttcttac agtgatttca attgcaccat gacttcttca 540
ctaaaaccac aaagtcctgc ttaaaactat ggaaaaccta acctgattag agccttgact 600
atttttgaag aataaatgcn cacttttntn ttttnaanat tnttggaaat tgagactttt 660
ggggccnttt ttttnggggg aatttctaac ctgntaanaa acnttnnana attttgan 718

<210> 2543
<211> 889
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(889)
<223> n = A,T,C or G

<400> 2543
annattnnnt nnaannnnta nananttnnn ttnnnnannt ntnntannnn tnttnnttnn 60
tananatntt nntttnnngg gganagtann tntntntcta tnntctntac tatnntntan 120
tnctggnggn gnttnttgna gatntatntn ctatcttnnn nnntnatnan tannnnnnnn 180
nngaataaac cnnntatcga ntccgtnngc tgtcngntgg nctgaccacc ccactcatcc 240
ccgttaacat tctctctaaa gagcctcgtt catttccaaa gcagttaagg aatgggaacc 300
anagtgtttt aggacctgaa gaatctttat gactctctct ctttcactct ttttttttt 360
gccactaagt naaaagcgaa gngagagtat taacgttttt gttctcctcc ggcccccntgt 420
tncaatnaag gggcaaaagt atttgctctn agtctattcc tcccttaact tctgtgacta 480
attttnattt cctttctana ttngcccaat taanactagg gtgcagngta tcctgnatag 540
gtagggtnag tgggggagga atcccttggg gnagatatta ggantgctct gttgtttaca 600
aactcaggtn cccgcagggc ctancaaaga gacttaaatg actgataaaa aaccccntgaa 660
aaacatgttt gnttccaggn ttnatttcan ttttccnnt ttttttttt tnnaaaaaaa 720
aatntcnttt tgtcaccngn tngaangcat tgggncnatn ntcnctttnt tntaacctcc 780
ctnttngggn taaannaatt tcttttgccn atcncccnaa atcttanata aangccnttc 840
cnncncccct gttnnttttn tntttaaaaa aaantgggnn tcccntttn 889

<210> 2544
<211> 746
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

<400> 2544
gaccacgatc gantccgtgg ctgtcntnnn accgncccen cccacctgcn tncagctgcc 60
tcttncacct gggccctgct ctcagatgga agtgtcacca aacacccaga tcgtcgtgct 120
cctgcttctc tggagtggac acaacctgaa aaccaactgg actgagcatc cttctcctaa 180
aatctcagcc agaagccacg atggagggtc ctgggaaggg aagagatgtg aagatttctg 240
tgattctaaa accttgggtc tgcctgcaaa cttctctctg atcccagccg agagctgtgc 300
acacgctagc tagccctgtc acacaatagc ccagtgttcc cgtcacaant gcctgggaat 360
gagaggcttt tgagccacag agctatgaca agtccncagg ttgaattgac tctgggagga 420
caaatttctg agagactcac gggaccctta tccaggacaa cctcacaaaa gatcccttga 480
aactgagctt tctctgcttn cgtgcataat ttgaggtata aactttnctt gtgtctncgg 540
tcaanatgaa gtgaaaggat gaatattatc cccaaggcta aaagntaacg naaaangtcc 600
aataagccat ccgatganna gaatatnttn ttttggaaag aaagncttgt gaancatttt 660
tccattcaaa cccctggtna ngttttcccn aaagaanttt tttccccgaa naatattgtn 720
gtttnggccc atnaaaaaca ctggat 746

<210> 2545
<211> 716
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
<222> (1)...(716)
<223> n = A,T,C or G

<400> 2545
naccnnnntc gaacccgtgg ctgtcangct gaaaggccta cncattaaaa actaacactg 60
cctcccctgn agggagatag tcctttcatt ttagctcctt gcattgaaat agcattgagg 120
attaaatttg tgtaagcccc acaaaattca aaatttatgt gcttttctga ccacttgcct 180
tctagtggaa attttaagca tattagagga tatgtttctg tgggagctga tcagaatggt 240
actaggagta caaaagaata tctaaaacta aaacacagct atatttcaga tcatactgct 300
tcatcacatc gagtgcatct acaaaggtaa taaatagtat gtggctgagt tagggcttgg 360
gaccattttc tagaagattt gccctttctg caattctagt ctctataatg attggagtgt 420
aggagttaag ttgtggagcg tctcataaat ttaactagaa tcatcccctc ttaaaatcta 480
aatcaaatat tgacatatta gtcggccatt atttgattac atttttattg gtttaagcag 540
tgagagatgt tttgtgcaga atctggttgt tttcacccct aaagtaaggc attgcattat 600
ttctaaataa tcctataaag cccctaaatt aaaaaaattt aaaaccaacc cacttttnta 660
aatgaanggc nctnctagnt ttctatgggg ccagcctctc attcccggna atttcn 716

<210> 2546
<211> 717
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(717)
<223> n = A,T,C or G

<400> 2546
tnaccncgnt cgantccgtg ctgtcgctgn ctatcagtgt accggatatt tatgtaaact 60
atgactgtga cttaaatgct gccaatatat ttgaaagact agtaaatgat ctatcaaaaa 120
ttgctcaagg aaggggcagt caagaacttg gtatgagtaa tgttcaggaa ttgagcctga 180
ggaaaaaagg tttagaatgc ttagtgtcga ttttgaagtg tatggttgaa tggagtaagg 240
atcagtatgt gaatcccaac tcccagacaa ctcttggtca ggaaaaaccc tcagagcaag 300
agatgagtga aatcaaacac cctgagacaa taaacagata cggaagttta aattccctgg 360
agtcaacatc atcatcagga ataggcagct acagtacaca gatgtctggc actgataatc 420
cagaacaatt tgaggtccta aagcaacaaa aagaaataat agaacaaggg atagatttat 480
ttaataagaa accaaagaga ggaatacagt acctccaaga acaagggatg cttggcacca 540
cacctgaaga tattgcccaa ttcttacatc aagaggaaag attagactct actcaagtgg 600
gtgagttcct gggagataat gataaattta acaaaagaag tcttgtntgc attttgtggg 660
accaaccatg acttttttcag gaaaagactt cntttcagcc cttcgtatgt ttctaga 717

<210> 2547
<211> 680
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(680)
<223> n = A,T,C or G

<400> 2547
atttcattgc cctctttana nanttgnttn caaatgtcga gcatctttat ttatccaaat 60
ctctccacag tgtttgttta aaggggagcg ctggagagta aactaaatct tacaatgagc 120
atatggatgg ctataattgc tgaggtttgt tttttttttt catatttgct aactcgctat 180
atataaaatt gngtttctat tttatanatt tcacaccctg aanactgcta atttttgcat 240
gcatatgatt ttcacatgaa tggatgaaaa tactaaaatc tcttcccccc ggaattgtct 300

aattgccccg accctactct aacagcagct agtgggtggg ggcggtggan actcctgcca 360
ttctctgtgg caccccactt ccctggaagc tcantcggcc tccgtctgct cacgtattgg 420
cacggttgtc ttccaaaccc attgatgccg gaacatgggt caggaanaac acagtcagct 480
ctctggngct ttccatancg ttcctttttg ccaggcttct ganattttta aataacggaa 540
gcaacatctg ccctntgaat taactgacaa tggggaaaca cacattgcaa aaattatctt 600
aatgtntagc aaatcaaggg aaaacaaact ttgcttaacc attggtttca gctttctatc 660
caccaaancc ccaacttttt 680

<210> 2548
<211> 721
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(721)
<223> n = A,T,C or G

<400> 2548
tgaccattnt tcgaattccg tgctgtcnaa tntgacagag acgctcaggc tgtgttctca 60
ggatgaccga gtgggagaca gcagcaccag cggtggcaga gaccccagac atcaagctct 120
ttgggaagtg gagcaccgat gatgtgcaga tcaatgacat ttccctgcag gattacattg 180
cagtgaagga gaagtatgcc aagtacctgc ctcacagtgc agggcggtat gccgccaaac 240
gcttccgcaa agctcagtgt cccattgtgg agcgcctcac taactccatg atgatgcacg 300
gccgcaacaa cggcaagaag ctcatgactg tgcgcatcgt caagcatgcc ttcgagatca 360
tacacctgct cacaggcgag aaccctctgc aggtcctggt gaacgccatc atcaacagtg 420
gtccccggga ggactccaca cgcattgggc gcgccgggac tgtgagacga caggctgtgg 480
atgtgtcccc cctgcgccgt gtgaaccaag ccatctggct gctgtgcaca ngcgctcgtg 540
aggcttgctt tcngaacatt aagaccattg cttgantgcc tggcanatga acctcatcaa 600
tgcttgccaa nggctcctcg aactcctatg ccattaaaaa anaaaggacn agcttggaan 660
cgtttnggcc aaattccaac ccgttgattt tnccanctgg ttgnccnaat aaaacttttn 720
t 721

<210> 2549
<211> 703
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(703)
<223> n = A,T,C or G

<400> 2549
taaccacgat cgantccgtg ctgtcggttt ggtcttaggc taaaatccat gttntacgga 60
gaattcaaga aatttttaaa cttcaggtag aactgtgttt tttacaaatg tatagaaagc 120
atagtgccta atgcatggta gaaacatttc tttaaggatg accggatgtt gccgtatgta 180
tttatggcac aagcaggtgt tgtctaagca gtttctctgt ttgcttgtca tagcagcatt 240
tggaaactca aacatgcttt catttacata aatagtttat gaagctttga caacaaatgt 300
aaacagacac gaaattataa atctgctaaa tatgtattaa gggtattaat tattgaaagt 360
ccctttcccc aaaactcaac tcctatggca attatgaact ccattttacc aagaacattt 420
aagtgcctca gcatctgtat gatatagtgg agcaggtgct gacataggta ccagctgaca 480
tgatgtgtca ctagctctgt gggatgattg ccacatacat ggaacacctg ggagtgctgg 540
aaatgtactg ggatcgaagt gacaaagtgt gttttcattc acagtggagg ctacatcaag 600
caaggggagg nccaccctct tgcaagtgtg gtgagangct ctctacaaag acatgggcac 660
cggagtaggn ccctgtanca tgcnggtgct gtananaaaa tnt 703

<210> 2550

<211> 1063
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1063)
<223> n = A,T,C or G

<400> 2550
ctccntttnn acgtntnacn tagtnanann tgtngnntnn ngttanattg ttaggtntnt 60
cntgctctcn cnagatnnct attacnatat anngttntnt atntacnggn anntnctana 120
cnttctatct cttnnanact tnnntntnnc nnnnanaaga accangatcg antccgggct 180
gtcnntctnc gcagtgtacn ccctgccttg gatcccctcc cctcaaggag ttcatctcng 240
cgggagggag ggagacanga tagganaggg nacttttaan tggtctntan cccttagcga 300
gggngtgttg aggtcatgca tgggaggagg ctgtcttgnn gcngaaccgg gttcanggag 360
gctcatnngn gannngntncc ctcctaggca ctggagttnt ggcttgantt gtgaggggta 420
gccnaanggn nnggctacaa tgnncgnggg nnggagagtn tnctnttntc ggnggnaacn 480
agannntnac gccncncatg nagggggtnt tcatgtcttt cangttccag ggaatattat 540
ncatnggtta anacggnggn ttgcnngntg naatcgaatn tactcttgct ccnntgtttt 600
nacntntntt tcgagantnn gggaantgna nntctcattg cctggggnnt nnactncntg 660
gntantggan ntntcaatca ngcangnngc tttnnnttgg ngatggggnn cttcttnngn 720
nngnttngac tctgatanta ancnnggnnn tcgnnctgnn ttnctgnatt acntacncna 780
ntgngttgga tntgnnanct aannntcnnn antnatgnaa ccncnacttn nntntntcnc 840
cgnnaaatgg aacantncan ntgnttgtnn canctnnngt aggnagctng attatagtat 900
ncntnttgtg cnanttntna cctttgggnt ntggnactnn tcttcncgat tccttatcca 960
canaggggac tcccantggt naanataann anacgnggna gcttnggngn ntancatngg 1020
gngtttttnc tctntcaagt acnaantntn acacctctnt ncg 1063

<210> 2551
<211> 715
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(715)
<223> n = A,T,C or G

<400> 2551
gaccncgatc gaattccgtg ctgtcggntt agcactcaca tatttttgtt caatctttac 60
ttctcacaca aacagaaaaa ggaaattata tattctgtat caacaaagat ttaacaaaac 120
atccatacac tacaactgtc tacttactaa aattaagaat tagtatatta tctttttttct 180
tcttatatta aaactatctt ttcatacact attttaagtt tatgaactga aagtctttta 240
gagataattt acttcaatga actattatta tttatatttt ataagcaaat tgtcacaact 300
tggtattagc tagctctact gttcgcttac agtctctaaa gtttctgaaa gcatccatga 360
tttctgccac aaagaagata cttaggaacg attctgtttt cctactctgt gacctaaaat 420
tgactggttc ttcaatggaa atgagatcca tatcgggcac taagggtata cagaaataat 480
tgtgggcaaa agtactaaag ctatttttgt tgcactatat tttgagatct ctttaaggct 540
ctgtgttctt actgatttat tccaatttaa tgtattgnac tattggcatc ctacttttttc 600
tttttaaata tattattatt gactgnttac aagactttgt gttaaactga caggaaagtt 660
tttataaacc aataacagca ctcacatttt ggaaagactg ggtnccattg gtctn 715

<210> 2552
<211> 713
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(713)
<223> n = A,T,C or G

<400> 2552
tgccttatcg antccgtgct gtcgnnctga cgtgaaatgt aaactantag gcgtgttatt 60
gatctgctaa aactaaccct ctttttaaga ggagatttaa ggaagacgtc aatcaaaatg 120
tcaaatatgt gtgtcagaat ataaataatt tttcacattg tattgttgct atataaaaaa 180
aataatagaa ttggttgggt ttctgaggtg aaatccagag taagagtact agacagttca 240
acaagccaca tctaatggca cagatagagg atgtagctat tttatacctt tcataacatt 300
tgagagtaag atatccttca ggatgtgaag tgattattaa gtactcatac ctgaaatctg 360
ttgtcaagat tagaactggg gttcatgtta aaaaccttcc atattacctg agggtacctg 420
tggggaacag ttccttcccc tgtgtggtag tattttgttg gaagagaatg tttatacaaa 480
aaatgaaatt cttccaacag cagagaaact ctaaaaagtt tgatagtacc tatcaaagtg 540
ctgtacttct gtgatagaga acatctgatg tacccaattt tagatctatt ttctttatac 600
tttttctaat caattgctta atagtacttt ggatgattat caccttt gcc actttaaaat 660
atataaatat cctttttact tcatgaggaa ggaagaattt ttggntaata ctn 713

<210> 2553
<211> 1506
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1506)
<223> n = A,T,C or G

<400> 2553
ccncccctca cnctgtnctc accccnannn ggncttgttc tanngntgnt gantttnnag 60
ctttntattn aggantnctt nnnntaattc tntntctnga gtgganntnn nnnacggtac 120
ntcaaaancn tgggtnaatt cnnccttann ncccccatnn nggttttctt nntttnatnn 180
ctnatnattc tantcnntnt nctancaatn ttcctnatan nntcntnngn ctctntttta 240
atnnatanac ttacctnact cnanttctct anctngtata tntatnnnga ggnatcngnt 300
acggntnact anagctnnna natnactggt accncctacn cntncncngc tatntaacgt 360
aatgacctct taccntacta taccatntnn ctcttatnaa aacgtataat atnctaacgc 420
tatatatggc tacngcaacg nacacgcanc ntatcnctaa gctgaactna ctntgnntan 480
ncgcgtantg taatngtnag tntangtcan atattaggtn atgcctcgng tattnannnt 540
taatcaattc nattctatan nntctgntna ntntnctnat atnttatccc natcatattn 600
nntatnttat caaanttcat gtgtcntntc tactnaactt angtatantn natgcgacgc 660
nnngtntatc anngncantt tctnttaact tngcatatnc tctnantnta atgntgtatg 720
cnacnntatn tattctnacg aacntnatat aatnttcnta anttntnatc antnnatnta 780
tngtactaca tngtcnntng tcaacncgta tatctctnnt ttagnanatn tnctatatnc 840
aatntgaatg ctgnttancn ctcnctntag cnaaaaaacg ctactatatc ancgtntcnt 900
annnttacct tcgttctcna cgtatntacg atacgtaatn tnactacctt agctancanc 960
gtcncgntgn tacncnaanc taatctctan atnntctgca tgttctgcat ntagacnatc 1020
acntacntnn ntanattnta cgntaantat ctcatnctcn ttnnatnnna acgngncagc 1080
tntntnacnt tcnacncnng tntntannnn acattatntt nnatctcagn aaaatctatt 1140
acnttcnntc tatacttngt atntantata tctcatctta gnngntanat gaattatcnn 1200
gtncnctatn aannacacan actantntan ntanangacc gtannnacnt nnnattcngt 1260
acatatnant attntntntt atngatntnt nnctcaantg ggatanatac tacntnttgt 1320
atctnncgca tntatnctan gntgaatacn ntatntnnat acctngaang tacgcncacn 1380
anctaatnta nctatgcgan cnanatnncg ctacgttntn tcactctagc cnantaatan 1440
tncgtanata tctacntgat naantantgc ncttaacnta cntannntga cangaacnna 1500
tntncg 1506

<210> 2554

<211> 707
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G

<400> 2554
gccacgatcg antccgtgct gtcgcactga atgacttaag gctcgacaaa tgatattctt 60
ggaaagttta atcttgaggt tttcaaatct ttttttttaa tgtctcccat gtttctcatt 120
tgctgattga ttcattagtt gctcttagta agatttgtca gttggaaata atgaaggctg 180
agactcattt ctaaactctt ccataaccat caccagaaga gcagccactg tgttgtgtga 240
tgtaggctaa tgcctcccag atagaggtaa agtcacaagg actattagaa ttccagtgga 300
ttgtggaact ggttttggat tatccttata ttttcattct gattactgag gcagttctga 360
aaactcctac cattgaaata gtggtgtgtc ttttccttgt ttaaggattt tacatcattt 420
ttatgcactt gaattccaaa atcagaatct ctcttttacc tatcaacctt tattggctat 480
tggcttttgg caatgaccct tctgttcaaa tgtagtcctg tctcttttgtt tccttaggga 540
gtagaacctg cctttttctc atctttcatt tttttgacgt gtcctttcta agaaaangct 600
ctctgccgct gttctgggtg ataaatgata ttttcatcta atcgntatgt gggttgggat 660
gatcatggng aaaaactagg aagacatctc tggtggatgg acttttt 707

<210> 2555
<211> 1192
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1192)
<223> n = A,T,C or G

<400> 2555
tcnnncnnnn cnagnannaa tangnnttta tngtantnan tatangtagt gtnnaggtgn 60
nnnananagt gatanngttc nagnntnnca nnngtntgnc atgatnatat atagntnnnn 120
nnnngnagnc atgatcnaat ccgggctgtn ntntgcctgt ggncccnatg ggncanacac 180
tgngcccgcc cacagaatag cctcnatgcc ccctggaaca gcctcggtgn gggcctgttc 240
agtctcngtg cncnctnann catcctnnan tancntttga anagagnnat ttagagtana 300
aannaanttt gtcacttnnt ttntcattaa aaattactat nngnaacctt angaagnnna 360
tgncnnatca angcnnntgt cnagctatga agaattatnt ntangnggaa anaacatnaa 420
ntttnacatn cnnagtnatt cccaatngaa nccctaaana acatgnaatt tggtanggnt 480
tnnctacnnt antgtcnnat ggaacncnan actnaanaaa aggtatnttt naatnnctcc 540
tnggnggtat cngggannct aaacnttggg ngcgcgcnta tganaatata gagcntatcn 600
tnatngaana cntatgaatg tatncntctg cttatgtnna ntcgtattat nactnngnat 660
attanatnaa tnntncnnnt tnntanntag atcntatgag tcaaacttgn tattaagnta 720
tnantactna tatannngan ncatcnagaa nnncntncac ananaatatt cacncgtgnc 780
nctatatnat ccganganna ntaanntaag ttnnanncna tntaantcaa ngtntaattn 840
nnttnnatat ttnggtnnnn gatttnnnna ntngtatgtg anttattatt acangacnga 900
nnaatnctnt attgnnttnn ngaanntta tnaataatat atctannant nntnttatan 960
catnnntnng tntncatntn tntnnngtna nagcgnnggn ttcatntaag cnantnttnt 1020
ntccaacgan nangagntnc nannttattn antatacatt ntntagntnc tnacttntaa 1080
natctcnnaa ttgatnangt anatgatnnt attntaaatc tntnattnnt canantttnta 1140
ctctattana nncancctan nntnatnnan tncatntaca tcnncngata cg 1192

<210> 2556
<211> 710
<212> DNA

<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(710)
<223> n = A,T,C or G

<400> 2556
nacctcgntc gantcttgct gtcgcccgga tgaagaggtg agctcccctt cgccccctca 60
gcgagcccag cgtggggacc actcttcccg ggagcaaggc cacgcccctg ggggcacttc 120
tcaggccaga cagattgatt tcccgctgcg gatcctggtc cccacccagt ttgttggtgc 180
catcatcgga aaggagggct tgaccataaa gaacatcact aagcagaccc agtcccgggt 240
agatatccat agaaaagaga actctggagc tgcagagaag cctgtcacca tccatgccac 300
cccagagggg acttctgaag catgccgcat gattcttgaa atcatgcaga aagaggcaga 360
tgagaccaaa ctagccgaag agattcctct gaaaatcttg gcacacaatg gcttggttgg 420
aagactgatt ggaaaagaag gcagaaattt gaagaaaatt gaacatgaaa cagggaccaa 480
gataacaatc tcatctttgc aggatttgag catatacaac ccggaaagaa ccatcactgt 540
gaagggcaca gttgaggcct gtgccagtgc tgagatagag attatgaaga aactgcgtga 600
ggcctttgaa aatgatatgc tggctgttaa cgtaaagtcc ctaatgcttt cttctncgct 660
gggttttcac aggctaaaaa tcttgccatt cagctnatga ggaatgcctt 710

<210> 2557
<211> 721
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(721)
<223> n = A,T,C or G

<400> 2557
taccnngntc gantccgtgc tgtcggaaaa tattagctac tcaaataagt aggcttctga 60
aatagtttta actgcaagtg tgttaacttg tgtggtggtt tgaagccatt tttccaaata 120
aagttattaa acaccacttt atgtactgaa gcatgaacag aaaaatcaag agctgagcag 180
accacctcct ttatgtaggc aaaacttcca tcattttggc ttttgttcta aacagaacta 240
aatgacatgc atagcatggt aacttacaga tcgcttaatt ggagtaaaac tcagagtaat 300
agagggaaat atgggctctt cagtgccttt ttagcttttt tgagttgaag acgttcctac 360
agatgtagtt taaacattac aaagtaggct tctttatcca aaaatcccaa tgtgtcatag 420
tacacagata gtttaaaata tgtagcccgg ggaaggggag gcatgtaaat gtcttgaaga 480
ggagaaaaag tatgaaagaa gatcgatagt taccaataat gtgtatgatg aggacatact 540
ttaaaaatgt aattcctctg tacagtaaat taccaaatct ttagggattt ttttgtaata 600
agaagaattt atatttgtaa tgggtctaaa gaatttttt tgtaatgngg gattataana 660
attttaattt gggaaccact ttataaacct ggtnaagaaa aaaattntng ccttctggaa 720
t 721

<210> 2558
<211> 736
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(736)
<223> n = A,T,C or G

<400> 2558
tgnacctcgn tcgantccgt gctgtcggga ctacaggtgc ccgccaccac acccggctaa 60

tctttgtatt acaggataga gttcttggaa gcctggcgtg gagggaggga gagcaggtag 120
cacagttaca gaaggatctt cgggatatgg aaatgcggta tttgtggaca ctcattcatc 180
taacacacat ttgttgagct cctaatgtgt atagaactga agggatggag tcatgggcag 240
tggaaaagct gaaattgtgt aaaagagaga gaaggatcag tggctatggt ctcgaagatg 300
acgtggaagt gtcagccatg acgggtgggg agtggcctgc tgctcctcct gggaagagaa 360
gaaggtgaag actcagggcg cgtctgcagg gagacagtgg gagctgtggg gtcgtggatg 420
acgctgatcc tgtcattagc atctgagcga ggtcacaggc atgtggggcc tcgttaacaa 480
tgcccggcat ctcaacgttc ggggaggtgg agttcaccaa cctggagacc tacaagcagg 540
tggcagaagt gaacctttgg ggcacagtgc cggattgacc aaaatccttt cttcccctca 600
ttccgaaagg gccaaaagcc cgcgtcgtca aatattcaac caaccattgc ttggggcccc 660
cattgggcca accccgggcc cgntttcccc gttacttgna ntcaaccaaa tttcnggggt 720
taaaaggctt ttcttt 736

<210> 2559
<211> 1347
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1347)
<223> n = A,T,C or G

<400> 2559
cctngncnaa ntctaannan atttggnagn ntgnngnaat ttatgnaatt ggcagattan 60
gattannntt tttccatttg gggnatttnn ngggtntttt nnttagcaat atnnnnnnnn 120
nnntaataac acnatcnant cgngtgnttn ttagccanca ngccccccgt tgagccnttg 180
tantttaaga natggtccnn cnttttattn tggaagtnnt nccacacntt tggntntttn 240
tgcaattnnt tattntnata ntantatata nntctttttt ngntnttnga gcatcttttt 300
acananannc tctnctatta atctnnttnn anattattnt annanttnaa tanannatan 360
ttatgattac tgtcgantna atacaccttt gtcncntnnc ttnnnaagct atctntcnna 420
cantgaacac tanntnctag tactaanacn ttanntcagt ntctttttnta ctngntnata 480
gtnctngant nnnntcnacn agtanatnnn ttagncntan cantagatct aatganntat 540
nttcgatntt actaggccta nncntatgat gtnttnnact aacnactttn ntangnnntn 600
atntangctt ntgtaagtnc ntatctantn ncncatannt ntatntnatt gaaannaatc 660
ttatctnatg aaaantatct tatgctattc ctngntaacg tgtnngnaat gtatgcgtcn 720
ctatnanata ggggatttta tactatgtna cataatntnn tagtactgnt atntatataa 780
angtanatct aacgctgtna tattcatacn nntatctatn tngtcgngta gcntagcgna 840
aannanncgt actaanaatt cgnngtntac atatatcgta tntantgntt ntnnngaaac 900
atatncgnan cttaatgnac ttcatnnnta cgnnatgttg tctgatcctt ngcgcacngn 960
tacgnnnaaa tcgattacta antntatnct atagtaaatg tatngtatct atatnnnatn 1020
annatctcta cacgtaagng taaanntnac nttactatgn ntnttatatt acnaaatctn 1080
atgcattcnt aaancgnctc gtatgggtac ntnaagcgat atgtnntngt atatntacgc 1140
aaacatagta tatattatnc natnttttttn ataacattat catatatnat atatatttaa 1200
atncnanatn attatnataa natgtnaatg atanaatann gcanatgnaa gancgnnaan 1260
gnaaagnnag tnntcnctac ttatnttcnn gntggtatgt tatagctann tatatacggc 1320
anctangnan nanngaannc ntgtacg 1347

<210> 2560
<211> 759
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(759)
<223> n = A,T,C or G

<400> 2560
aaccncgntc gaattccgtg ctgtcgntan anatgacatc acncgtgtan gggtgaagcn 60
nggagancta ctcngntatg antaangttn naannngaaa tgngannnaa ntggaatttg 120
cnaaagtgcc tgccctataa tgttagaact ggaccagaaa ataggagttg gtataaaact 180
agaccancga gctttttttc cttcaagatg cagttcagtt tattgctttt gtaaattaga 240
gattgtgttt cttgatcttt attaaagtag aatacaatgt taacctactt caaattttaa 300
aaaatataca cacatgtata tgtatgtgtg tgtgtatata cacacaggat tttaaggaca 360
gttttttgtg tgtgtgttgt gcatgcgcac gcatgccaag gaaattgtta atcttctagt 420
acatccccca taacagaggc agctaccaat aagatctagt ctttgcctta cagaccaggt 480
ggctttacct gataggctca cagacattca gtagttcatt tgttcctcag atttctttaa 540
ttattgnnga taaagttgat atttaaattt accaacttta accatntttt aaatggnatt 600
antttatttg gccatttaan gtggtaattt cncantttgt tngnggccag ccnttcattg 660
gancaatccc atcntcttan ggaggttntt tccnttcctt ccntnaaatt gggaaatctt 720
ttggtgcccc caaaaaacaa attancctac ccccttttnt 759

<210> 2561
<211> 1097
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1097)
<223> n = A,T,C or G

<400> 2561
atttgaaccc cannggnaat ccgggaaatt tccngtntgg ccttggtncn agantgacaa 60
cctcgtcggg gaggtagccc cccncgtatt gtgagatant aaagacngnc ttnganacng 120
gnagnncntg gctnagggcg anaggaaang attgtcatcg agttngcagt ccgngaaaat 180
ggccgtnntc gtnagggcta gnnnantnga gagaggangt ctattttntt taagagatan 240
taataaanan tnttagnnct cnntagatgt ctcnatnagt aataaanant natnnnatcn 300
ngtnntatgn nacgngcatt ctgtataana tagaagcnta tatnntngca tannatacac 360
agttantcca tatctgtagn tnaanaatna nagtnctttg gangtnntta tncaanaact 420
ngngtcntna nngnnacatt nantattnng aagngaactt ntntaannna aatatncanc 480
tctcacaann ctnananant nanannntnna atatanatct ntnannntcc nnacanacnn 540
nanatannnn cnnnnctana taganaanaa tataattann gtngtnactt tangacanaa 600
ttncgatgtc annacatntc natcnaatta ttcantncta nnnaactnaa gnanncgtnt 660
ncnanagang agnanantna atannntatt nnctangaat tcattgtatt ncnatcacta 720
antatnaann nggtataaaa naaatnanat cactacttat tananangat naaanatata 780
aanngantna tattntatan ntatgaaann tatnatacnt attcactaan nanntnnant 840
annntaaact tntgcnnnnt aaacattctn anncatgcta tataaactaa gatatatgaa 900
annntaaagt anatctacgt natnacatac acannaatcn aatnttaact tanataanta 960
tnctanctta tagatctgta aataactnta tatttgctta acnangnanc agttactcta 1020
nctctctant atntangnct ccatattatg nacccaannt cnnnanatgt ccaancattt 1080
atcttaanta ntgancc 1097

<210> 2562
<211> 691
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(691)
<223> n = A,T,C or G

<400> 2562
ncntgctgtc ggttgantcc nanaaaancc aaacagttgc tgtcaataca actcccctta 60

ttttctctca agtcacctgg atcgtcctga ccccgggaac cccgtctgca gcaccaggcc 120
ccctccgtgg agaaaagatg gagccggatt aagcacccag tgctaaggcg actaagacgc 180
cactgcccgc aggccctgcc ggaaaatact cagagagtgc agcaggcgcc gcgattcctt 240
agaaagtgct ggcgtggcct ctcctgacac agaaagccgg ctcctggatg cttacaaagg 300
actggcccgc gcaacaccgt tgctcctcaa cccgggccac actccaagga cctctactga 360
gcttcagctt gctcaccgaa aacggcgcgg ccccctctac ccgggatgtc ggagcccagg 420
agaccctgag agcccccagc tctttccgta attgcaggag aaggggcaag cgggtccgta 480
gccgggggcc ctccagtggc attatcctga accgccacgc ccgcacgtgg cccggctaga 540
gctccctggc gaaggatcac ctgttcctac agtgacaact ggacctggcc cgaacccctg 600
gcatctggca acattattac cttgtcgaaa cagaagtaga gattgaaata gangatgcag 660
ttccatttct tctgctgtct ggaaggaatc t 691

<210> 2563
<211> 773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(773)
<223> n = A,T,C or G

<400> 2563
gggctttcna tttcattnnc ctnntnaaac acttntctct gaanagcgtg ntaggactct 60
gcaggaagag gagaggtggt gtgagagcct ggagaacnnc tntcccaaac ttnncnccng 120
ctttnanaca gggnncancn atnnntgctn acgntcagtt ntntgatttt tcttcnttaa 180
ncaanattta ctnatatgcc tttnnttttg cntgggataa acncctanaa gcctntgata 240
tttgatnctg ctaatctatn ttcnctcttc tgcttnggan gacatggnca ctgtttccag 300
tattttacca atanctngac natcaacgtt ttcaacnttc tgancnaana tnaatnggcc 360
actgttttaa cntttcancc aaacnancca tgctcatctn aagnactatt gattgaagat 420
cgtcngcttg ncctnttctt cttgannaaa ttttcttgan ttggctaata tgtcccntcc 480
anacatctat nagcnaanga acttttgttn aaagaaanat ttccaaancc ttttтcnant 540
ttncccacct tgttttacca aggctaattt nttgaatnaa cgggggggaaa aaaanaaatt 600
ccanaccggn gtggcatttt tcttttccaa ttttggnaaa ccaccccctt tntcagaaaa 660
antttttttt taaatttttt taccaaaatc caagggtaaa accaaaaant ttttgncttt 720
naccctttg gttncaacnt tcnttttttc cccctaaacc ccnccaactt ttt 773

<210> 2564
<211> 709
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(709)
<223> n = A,T,C or G

<400> 2564
nnaccncgnt cgantccgtt gctgtcgccg agtgacagag acncnatact ntgattggca 60
atnaaatgtg aaacccannt tcttgggcaa gtcaaattct ggaatcacat ccacctaaat 120
taaaatgact ngctcgtatt ttccccatct tcaagtttca catcctggtc atcaaaagac 180
tcgacagcaa gacttagaat gaaaaagggt acttgtttat attaatattt tttacttgaa 240
cacgtgtagc ttgcagcagg ttcttgatga atgtgctttg tgtccaaaat gcctcccccat 300
tgtacacagg tgtacatcat gcatgcacca acacctaaaa ctcaaaacta aatggctatt 360
ttgtaaggtt aatactttca gttaaacagc atgtttgact tgattccatc atggtgctct 420
taaattacat gtcagtgcat cacatatatc atgatctaat gcagatgact aggctttttc 480
caaaaggaag acagaccctc agacaccaaa agccaatcta aacaactccc aggtttgctg 540
tggacaatca gcatggaatg gtttctgcac tctcagtcat gaccatctgt atcttgntac 600

ctgctttctc tctcaacacc acagttctca ancctgacct tncagagaga gctnttggat 660
gatacaagan gaatcccagg gccccggatc taagatgccc cttaaaaga 709

<210> 2565
<211> 706
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(706)
<223> n = A,T,C or G

<400> 2565
taaccatnnt tcgantccgt tgctgtcggc cgccgcctct ncaagttctt gtggcccccg 60
cggtgcggag tatggggcgc tgatggccat ggagggctac tggcgcttcc tggcgctgct 120
ggggtcggca ctgctcgtcg gcttcctgtc ggtgatcttc gccctcgtct gggtcctcca 180
ctaccgagag gggcttggct gggatgggag cgcactagag tttaactggc acccagtgct 240
catggtcacc ggcttcgtct tcatccaggg catcgccatc atcgtctaca gactgccgtg 300
gacctggaaa tgcagcaagc tcctgatgaa atccatccat gcagggttaa atgcagttgc 360
tgccattctt gcaattatct ctgtggtggc cgtgtttgag aaccacaatg ttaacaatat 420
agccaatatg tacagtctgc acagctgggt tggactgata gctgtcatat gctatttgtt 480
acagcttctt tcaggttttt cagtctttct gcttccatgg gctccgcttt ctctccgagc 540
atttctcatg cccatacatg tttattctgg aattgtcatc tttggaacag tgattgcaac 600
agcacttatg ggaatgacag aaaaactgat tttttncctg agaaaacctg catacagtac 660
attcccgcca gaagnggttt cgtaaatacn cttggncttc tgatcc 706

<210> 2566
<211> 708
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(708)
<223> n = A,T,C or G

<400> 2566
tgaccnttnt tcgantccgt tgctgtcgct ctccgcagtg agaacctgcc ttggctcccc 60
tcccctcaag gagttcatag ccgtgggagg gagggagaca agaactgttg gagacaagaa 120
ctgttagaga ccagagagca agggcgtgat gtggtctgca gggaggaggc tgtctgaggc 180
agaaccgggt cagggaggcc atggtgcggg taccctccag gcacggcatt tggcctgact 240
tttgaggggt gcccagggtt ggctacatgg cggggcggag gtatctttag tgggggaaca 300
gcgttgtgcc accaggaggg gtctctgtct cccaggtaga ggaattctcc atggtgagag 360
gtggtggtgg gggatggtct agctgtccac tcttgccccc tttcggattt ggaaggaagc 420
cccatgctgg gtccacactg gtatggcgta ttaattaggc agctgctttg tctgggaggg 480
ggctttgtgt cgagtctccc tgaatgagca gggctggcga cagttgtcaa aacacatggt 540
gcttggtcag agcccccgta gaanccctg tcctccgcat ggcctccnct gcacccgggc 600
gtgggaatgt gctcttgtgt gtccctggct gtctgcttct ttttacactg gccccttcaa 660
atnganggggg tgggggtaca nggattnctt taaaaancan acacttgg 708

<210> 2567
<211> 709
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1)...(709)
<223> n = A,T,C or G

<400> 2567
gacctcgatc gaattccgtg ctgtcggtga ggagaacatg gatatggatg taatgtcctt 60
ccctttttgtt ttctttgcac aaatttcagt ggaaacatgt tgccaagtca gatcgccatt 120
ctacttgagt gaatatggaa tttgtccagt tttccaaatg cagagctttt tgtgggctga 180
tggactgaat agaaagagga acaaccatac acccttctac agatgaaggc aagattttat 240
gaaagcgact tcattcgttc tcctctgcct ggtgttcctt ctttgtaaac caggaccagg 300
gagctttgaa tatagcagta tattatagaa tttggtttca ttaaatatta tacctgccct 360
tagtgtttat attccagtat attgacaacc caggtcctct ctgtacctgt gattgtctgt 420
gttgagacta ttacagagct ccaaaaatta aaataaaaat aataatttta cagaaataca 480
tatttgcatt ggaatattta agaaagttga gtttggatgc cacaagatta taggagtaat 540
aggaagctgg gcacagtggc tcacacctgt aatcctagca ctttgggagg gtgaggcagt 600
gaggcaatag gattgttgga gcctangagt ttgagaccan cctgggcnac ataaggagat 660
cctgtctctt cattaagtaa atttaaaatg aattaactgg tggngctgt 709

<210> 2568
<211> 1078
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1078)
<223> n = A,T,C or G

<400> 2568
agnggncgac cccccntttt ttgggnggaa aaaaaaaaaa acccccccng gggggggggc 60
ccttgggtan canaacatta ccctngggnn acccgnncgg gncnaanagg agnnccccnc 120
nccaaangnt ttaaanggtg gtngtggtnn atgcccnaac caaacaannc ggngaaatgn 180
atggnccttn naaaaacacn ncaatntttt tttttntcaa tgggtntana tacnaagcgg 240
naanaatcan nnacagngna acangggngg gggcgccana ttncntagac atngccnanc 300
taggcacccc ncctattatt tcactgggaa atnncnaatc agnantatna accacttccg 360
ggtngccnat gataagaaaa aaaattannc nnagtncggc atggngnact atatgnatng 420
cgnaaatnca nnaagtaant aagaaacnag tttttcanca ttnaaagcta ccnctcttgn 480
anagnaancc acangctgaa tatatctgaa tgntcangan aanantcaga ttaaatattn 540
ttggagcnnn tacatagacg catnangnna gnnaatcacc nnncaanaga ncnnnnaaac 600
anacacntca ccnnnnananc tgacncacan cnncganaca nacacgnngg acagaganca 660
gnannacatc acccacacac aannnnanat aancgananc agatacngtc gnanacnaga 720
cctctcgtcg ncgacgnnnn tgatgacacc anacatgcaa ntgcaagana nncaccagan 780
ctcnaacaaa anatggatgc aacacgcacg acgnacgnna gnnagaccct acacncntgn 840
atgnaagata cnnntnccnn acanagntat naacggacct agangancnc gcatnntctn 900
ttanaaagcn ncgaangctc ccaanntcaa ngnagnngng anctcacntn cgcataggat 960
cnaaaancgc acggaannac tagancggct agnctangna ntccacgcna ataanacatn 1020
actcannngn annnnanncn nnnaccacag ctatanacnt gncgtaaacg tancgcgc 1078

<210> 2569
<211> 1452
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1452)
<223> n = A,T,C or G

<400> 2569

ccttctnttt taacnnntat ctntanctaa anattganna gatnaanggg ttatngataa 60
tnggatantg tatnnttnan gggtatnncn aacnanttat nttnntgggn ggtngtanan 120
tnnanattaa ncttaatnta ntnngataat nttnttncat ncnaagaggg tgtananttt 180
aatctttggg gttttattng taantataac nngaagcnta ncataagtan gntanntnnt 240
nnnntcaaag antacccatt ttannaatnn cnnntggggg ganatatata ttagtcccen 300
cgnggaangg nccccccttt gtttgatggn ngtnatntta cttatcnnta tgtntagnta 360
tgntncnnnn atatntanta tatctagnta nntaannnat acatatctac cntatagtca 420
naaatngngt acatttttt tnatnntnnn ntanttnact aantatacta ctantaaant 480
tnntatacnn tnntaatnta nacannnacn gnacnntant taanaatatt cntcatncat 540
tngataataa tntttnaanc ncnatanttn ttatatantg antattgaaa catanatntn 600
tataactatn ctagncntta tatncnaaaa nannngtcnn attatncatt ctattngact 660
antttatacn nanananttt tatnacattt ttcannatct ntntantana nttnaatcta 720
aattnttncn ataanntnat nttangatnn taacgtntta ntatntaatt atnaatatnt 780
antantntgt aatantaatg atttaanatn tttnaagata catngaacta tcgantatta 840
attatgtant tatctantta atacnaaagt tatatangga atnatntctn tcaatatnaa 900
tggtanaata tatacttant acgtaattaa atanataata taaatgnaca tatatnaang 960
tacnctatnc actctnanta tagtnttana tanaatacta nttnatcgat atgtnatcgt 1020
tannttatnt actattatat attctntgan ngtattntta ggtntntatc ttatnacagn 1080
nnatgtaaac ntatctctaa tantntntna gtannntatc ntnntatnta cttatctaat 1140
ctataattaat cnttgttatt ntnccttnct gtactatgtg atatntatna tanantactt 1200
ganaannata tntatgaaaa ttattatatn natgttatta tannntgata tantacatat 1260
nttatatann aactntattn tnctantctn tgttacanan nnntatagan ncanagtnta 1320
nntaagntat cganatnnta gatannttat gnnatngatc nctatcnaan atanccgtnn 1380
ntgattntac natatntaat ttnatnnata ngtatncaan cntattnacn atatnatnnt 1440
ntatcnatta nn 1452

<210> 2570
<211> 761
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(761)
<223> n = A,T,C or G

<400> 2570
acncatcatc cgnntgcnct tntanncccg ntanntcttt antgtctgca cntgnaanca 60
tncnttngga gctccncnat actanggana cgccnctgac gctacnaaca ncnagatgaa 120
atatgtatnt atgnangccg atagnggccc nncatggtca aaanaccgcn cntaacgccc 180
nngantnnat atctggcttn ntcccatnng tgncnncgtg caataactna gctgncnnct 240
gtcnantccn ntnntnnant nngcnagntg agtnntagtn tttggcattt acagtntttt 300
antatttaca gttgatgatg aaanattcgt gaggtgctgc caaatataca tcaaaaggtg 360
gagcttgtnt ggccaactng ccacctgatt taatcaacaa ctactagtgc tgagatgcan 420
aaaggggggaa aatggaggaa ttatggacca aagtctgtct ttatagatga cantcacagg 480
acaagggtta ggctttgact tgcagactnc tntctttgct ctggncaccc ctgttnacca 540
caagccctna attggggcnn ttcanaantt atntcttggt nggcccgggc nccggttngc 600
ccacattctt gntattnccc tnccccttt nggnacngct tttaancnnt gnttaaaanc 660
aaacgntaan gtccagggna anatttttat tanccnaanc cngggccnna tntgtacgct 720
tgaaaanaat cnctttnttt ataccaaatt catcnccacc t 761

<210> 2571
<211> 704
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1)...(704)
<223> n = A,T,C or G

<400> 2571
taccacgatc gantccgtgc tgtcggagtg acctgttctc ctgagtgctc tantgtctcc 60
agttgtcggg gggaaagatg atggagggga acagaaactg gacttgatgt ttgcggtttg 120
agaggcaaga aaataaaata actttctacc tctaaattga ggcttaggag taaaaagcat 180
tttgtcctaa atttatcatt taaaatagca tcagtaactt ttgagctcat gtcaatcaag 240
cattggcagt cagagatttt atagggaaga ctaagtaaat ccagtttcca agaacctaaa 300
ctgattgagg ctccaagagt cagaccaaca aaagttttat tctgtgttgt ttactggtaa 360
gaatattatt atcttgatac tacctctcaa gggtattgtt acaaaatgcc acttatggtt 420
aaagagatag atacaaagag ttctatttga cagaagcttg aaactctggc atctatctgc 480
ccaacgatgg gggctttcgt tctgtaattt aatcctttgt agatcattat ttgtgtgtaa 540
ttttatacgt gttcatattt ttctcatttt gcattgngta aagtgtacaa aatctcaaag 600
tatnaaatac tgcttatatt gcttgtaatt acagngtgta aatattttct aattgggtca 660
ttgatggggg ggacaagtgg gttttcangt ttttttaat gccc 704

<210> 2572
<211> 1078
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1078)
<223> n = A,T,C or G

<400> 2572
gaatatngat cttgtgtant cggagaagag gtgngctccc cttngccccc tcagcgagcc 60
cagcgtgggg accactcttc ccgggagcaa ggccacgccc ntgggggcac ttctcaggcc 120
agacagattg atttnccngc atgcggatcc ctggtncncn aaaatagttt tgtttgaatg 180
cnattctntt ttngngnngg tacgtntttt nntttnttcc anttaacatt cttntnntat 240
nnananaaaa atntattaaa aggtngntat cccattatta aaaaaagnag aacntnttgg 300
tannccttgc angaagaaag ccctggtnaa nnattcccat tgcnnancnc ctaaaaatnn 360
gnacttttt cgaaaacana tnccnnttat ggactnnttt tgttaatttt ttttanaaaa 420
attatggtan ttaatttatt attngtaact natnctgnta tnnattaata tnnctatgat 480
atantncatg tngcctacnt ntaatanttn ttantatttg tnnnacnatt atttttcctn 540
ttcnactnnn aantctttct aanatttgat cgtnnatnaa ttnntatttt tattattatn 600
natgatttaa gttcttttat ttttttttatt naatattata tattnttaat atcttatctt 660
ntctnttnag anntatattn atntgttaat tatttatagt antatatact tactctaatc 720
actnnnactn nttnnttatn ttntacatnn ttnctnntta taactatant taatatatta 780
cattaaatgt attanngaaa tataattntc nntatcttat tttannanac gatantatnn 840
tattntacgt atgaatatan tnagaaatnt tatttatgct ttanataata atctttngta 900
ntttatttaa tnatanttat tttanaattt ctaatgatnc tntatacatn gtcnatctta 960
acatatntta gtntatnaaa gatttgtaga tntaanntaa gnctttcntn gtnatngnat 1020
ctaatntatn tctntatnaa antatantaa gttangtnta tctctatgct ntnnancn 1078

<210> 2573
<211> 1060
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1060)
<223> n = A,T,C or G

<400> 2573

ccnngtcntn nannntntnn ntanaannat tnnntnannn ctntnttcna anataatnaa 60
ntntatnatt ggggngnanc atcntaantn ntntatagna cntcatnncc acnnannnng 120
agngttatat aatagntatn nnntntntna tnctgntnnn nnnnnnnnnn nnnnnnnang 180
ataaacantn ntcnantccg ggggctgtna ttntgcactc cagcccncng ctaataagta 240
gggaaactcc gtctcaaaaa aaaaaagtan ccatantcnt nngggaagac cttacngnag 300
agacttgtga gngganacct gaaggaaatg aaaagggaag gagtctgtnc tgatntctag 360
gaggaggaat nttccaggcn gacggaanag aggcacaatg tctttgagga aggggcatgt 420
tgggcatgtn cacaggacnn nnaggaggcc aaantgggtg gagcaaaaga gcccaggggg 480
agaggnattn aaaggaanaa caggccaaat ggccataaaa tnttgttngc cttgatgggg 540
acattggccn tgaccctgat caaaataggg ggtgacaggc nacagggaaa ctagggagga 600
ggcttgngng ctcgncattc atttgaggan acccntatca tgtggaaact actgtgnaat 660
annnttttgg ggtanntccc ttttaaaaaa acnnngtcat ttttccggtt tgngcnnctt 720
gtgggcttna cacccttnta aatncccnaa ctaatttttn gggaangccc aaagggttgg 780
ggncaaaaat caancnntgg aaggtncann gaattttntt aaaaaanctn anctctttga 840
anccaaanna tngngngtaa aaaaaacctt tcnngnnnct tttcaattnt atagaanaat 900
taccctaaaa aatttttctc ctttngtaaa annggtgngt aggnacnnca aaataaaccc 960
cngtgagaaa attnccccac annnttttac cttttgnggg ggaaaaaaaa tgaaaanggc 1020
cccgngnnna aaaanaattn cgnctcttna gaaaaccccc 1060

<210> 2574
<211> 737
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(737)
<223> n = A,T,C or G

<400> 2574
aaccacgatc gantccgtgc tgtcnggnna tnaataattt atggacactg ctggacctca 60
gtctcctcat ctgaaagatg agtggttgga gaagtttaat ggttttcaaa tgcttttttt 120
ttcagtcttc aaataagtgt ttacgtagaa gcaccatatc tgaacaggtg acagtggacc 180
agtctgaatg aaatgagggt tggcaggcct gagctccaaa accttctgat tgcccaagcc 240
ctccttgtct tgcttggatt atctccacac aaatggagaa actggacaag gtggtcatgg 300
aggtccctga aagctcaaag actttctcat tccaggattc cccatgttca tatgccagca 360
tggcatgggg gtgctctgta gtcaagcagg gtcctttggg gggcttangg atggagccag 420
gaaatggctc tgggactcag cgggtgtcca gantctcatc agcanggttt ctttactttc 480
actgagtggc tggtgcctgc acacttgagt tttgccagct tacttctcac aaaantgagc 540
tttnctggaa gccccccaac tgnaaacccc ttttccnttc ctggaacctn ggtnccgact 600
tggnggncct gaaaccaccc caaggccctt ttccccantg ctgntggaat gggncaaact 660
ttttttttgc acccctccnn ggtttgnccc aaatnnaacn cttgataaaa aattnctnga 720
agcccaaaat gccctcg 737

<210> 2575
<211> 706
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(706)
<223> n = A,T,C or G

<400> 2575
taacnttnan cnantccgtg ctgtcnagag gagaacaaac tggttgctga agccatggtt 60
tccctgggaa ggtggaccca cctgtgcggc acctggaatt cagaggaagg gctcacatcc 120
ttgtgggtaa atggtgaact ggcggctacc actgttgaga tggccacagg tcacattgtt 180

cctgagggag gaatcctgca gattggccaa gaaaagaatg gctgctgtgt gggtggtggc 240
tttgatgaaa cattagcctt ctctgggaga ctcacaggct tcaatatctg ggatagtgtt 300
cttagcaatg aagagataag agagaccgga ggagcagagt cttgtcacat ccgggggaat 360
attgttgggt ggggagtcac agagatccag ccacatggag gagctcagta tgtttcataa 420
atgttgtgaa actccacttg aagccaaaga aagaaactca cacttaaaac acatgccagt 480
tgggaaggtc tgaaaactca gtgcataata ggaacacttg agactaatga aaganaagag 540
ttgagaccaa tctttatttg tctggcccaa atactgaata aacagttgaa ggaaanacat 600
tggaaaaagc ttttgaggat aatgttctaa actttatgcc atggngcttt caagttaatg 660
cttgngtctt ttggcagaat aaactttcaa ttattaaaaa ggactn 706

<210> 2576
<211> 712
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(712)
<223> n = A,T,C or G

<400> 2576
tacctcgntc gaattccgtg ctgtcggacg gaaaccatgt ttgtggctcg cagcatcgcg 60
gcggaccaca aggatctcat ccacgatgtc tctttcgact tccacgggcg gcggatggca 120
acctgctcca gcgatcagag cgttaaggtc tgggataaaa gtgaaagtgg tgattggcat 180
tgtactgcta gctggaagac acatagtgga tctgtatggc gtgtgacatg ggcccatcct 240
gaatttgggc aggttttggc ttcctgttct tttgaccgaa cagctgctgt atgggaagaa 300
atagtaggag aatcaaatga taaactgcga ggacagagcc actgggttaa aaggacaact 360
ctggtggata gcagaacatc tgttactgat gtgaagtttg ctcccaagca catgggtctt 420
atgttagcaa cctgttccgc agatggtata gtaagaatct atgaggcacc agatgttatg 480
aatctcagcc agtggtcttt gcagcatgag atctcatgta agctaagctg tagttgtatt 540
tctttggaac ccttcaagct ctcgtgctca ttccccccatg atcgccgtag gaagtgatga 600
cagtagcccc aacgcaatgg ccaanggtca aaattttgaa tattaatgaa aacccccagg 660
aaatatgcca aaagcttgaa actcttatga cagtcactgg atcctgttca tg 712

<210> 2577
<211> 993
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(993)
<223> n = A,T,C or G

<400> 2577
nncnctttatc gantccgtnc tgtcgggaca ctttgtgant cccattngan gangcnctgg 60
tgtgtgngng ggatgaggtg ctggtgtgcg gatggatgag gtgctggtgt gtngntggat 120
gagatgctgn ngtgtggatg gatgagatgc tggtgngtgg atggatgang tgctntgtgg 180
atggatgang tgctggtgtg tggatggatg acgtgctggt gtgtggatga ggtgctggtg 240
tgaggatgga ccacnttnng gttttcncgt ttnggcactn nggntgantn cnctttctg 300
ctcttgcant tgnnncctgc gaaanttcnc cggacanntg catacatctt tgtatgcacc 360
ggcatcactt tgggnanatg attncgtncc tcgtgtnngg ttngggaana nannatatat 420
aaatgtnctc ttntcttaca tnttatcntt nncaccccnn ccntntgnng ctcccaagnc 480
nattnacctc cacctgnttc tatccntccg cncgantgtc gtnatncaga gggngatccc 540
actcaacntt tttnggatct ccctttcnaa gtctttnnat nantccttnn tcntttnctt 600
ttgtaagtct ntnaatgnta gctctccana aatattctnt cccttgcggn naaaaaanan 660
anngaccctt cacnctttcg nggctntgag agcacacntc aactcctctc ccccatcttt 720
nctnttnttt naacnnctat attatcncta ttatcactct ntggtaagac gtnaccccnc 780

tnntaaccan tatnnctttn cgtnnatann aaccnnctct ttatcattag gggactcttt 840
ttntaganat aatntcttac atangcacgc ntnnaaaata ntacactcgc ggtcnnncac 900
tctantannt atncaactnn ccccncccce cccctntctt cntcnnnccc ntcttnnttg 960
cnntcttcng tntttntact tccnatntan ncc 993

<210> 2578
<211> 675
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(675)
<223> n = A,T,C or G

<400> 2578
ttttnnnccc ntgaantaaa aaaactagca cantcnannt tgctnnntga agataagaac 60
cataacatgt atgttgcagg atgtacagaa gttgaagtga aatctactga ggaggctttt 120
gaagttttct ggagaggcca gaaaaagaga cgtattgcta atacccattt gaatcgtgag 180
tccagccgtt cccatagcgt gttcaacatt aaattagttc aggctccctt ggatgcagat 240
ggagacaatg tcttacagga aaaagaacaa atcactataa gtcagttgtc cttggtagat 300
cttgctggaa gtgaaagaac taaccggacc agagcagaag ggaacagatt acgtgaagct 360
ggtaatatta atcagtcact aatgacgcta agaacatgta tggatgtcct aagagagaac 420
caaatgtatg gaactaacaa gatggttcca tatcgagatt caaagttaac ccatctgttc 480
aagaactact ttnatgggga aggaaaagtg cggatgatcg tgtgtgtgaa ccccaangct 540
gaagattatg aanaaaactt gccagtcatg agatttgcng aagtgactca agaagttgaa 600
gtaccaagac tgtaacaagc atatgtggtt acccctggga ngagatcaaa accacctcga 660
ggncagtggg aatga 675

<210> 2579
<211> 667
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(667)
<223> n = A,T,C or G

<400> 2579
tnncntgctg tcgattacat nntncngctn aggcgctggc agctgaagag cgtgttagga 60
ctctgcagga agaggagagg tggtgtgaga gcctggagaa gacactctcc caaactaaac 120
ggcngctttc agaaagggag cagcaattgg tggagaaatc aggtgagctg ttggccctcc 180
agaaagaggc agattctatg agggcagact tcagccttct gcggaaccag ttcttgacag 240
aaagaaagaa agctgagaag caggtggcca gcctgaagga agcacttaag atccagcgga 300
gccagctgga gaaaaacctt cttgagcaaa aacaggagaa cagctgcata caaaaggaaa 360
tggcaacaat tgaactggta gcccaggaca accatgagcg ggccaggcgc ctgatgaagg 420
agctcaacca gatgcagtat gagtacacgg agctcaagaa acagatggca aaccaaaaag 480
atttggagag aagacaaatg gaaatcagtg atgcaatgag gacacttaaa tctgaggtga 540
aggatgaaat cagaaccact tgaagaattt aatcagtttc ttccanactc cacagatcta 600
gaactntttg gaagaacgaa acctagaggg aatggaactt gaaanacctc attnctgatn 660
agacttg 667

<210> 2580
<211> 704
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G

<400> 2580
taacctcgnt cgattccgtg ctgtcgttan accaagatag ccaagtggaa cctgcaatca 60
agaatgaata agaatgaggc tatagtgatg aaagaagcaa gtaggcaaaa aactgtagct 120
ttaaaaaagg catctaaagt ttacaaacaa aggcttgacc attttacagg agctattgaa 180
aagcttactt cccaaattag agatcaggaa gccaagttgt ctgaaacaat ttcagcttcc 240
aatgcctgga aaagtcatta tgagaaaatt gtaatagaaa aaaccgaatt ggaagtacag 300
attgaaacaa tgaaaaagca aatcattaat cttttggaag atctgaagaa aatggaagac 360
catggaaaaa attcatgtga agaaattctt agaaaagttc actcaattga atatgaaaat 420
gaaactctga atcttgagaa tacaaaatta aagactacac ttgctgcttt gaaggatgaa 480
gttgtatctg ttgaaaatga actctcagaa ttgcaagaag tagaaaaaaa aacagaaaac 540
ccttattgaa atgtataaaa ctcangtaca aaagttgcaa gaagcactga aatagtaaaa 600
aagcagatgt gaaaatttgc ttcctaaaaa ttacccatta ccaaaaccca aaataaaatg 660
ttagaagatg aaaggcccat ggagtctcac tgaagggtta gagc 704

<210> 2581
<211> 1252
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1252)
<223> n = A,T,C or G

<400> 2581
nnaacnnngn ncgaattccg tgngctgtca gccgccgcct ctccccccna cactgnnccc 60
tgcggtgntn gaaaacacca cctgatggcc atgganggct acnnnnagca accggggtng 120
ttctgtcaat atcaantnng attcattaat ntnctgacat tactggacaa gatggnacnt 180
gccatncana aagctagtng ttntntcnta ttntttccta atacnacnga gnnanactan 240
cntatnnntn ccnttntgnc nngatttang nnnncntnnn aatnntaana atcntcnana 300
tnatcttnan ncntnatnnn ttctananna ntnaacatta nattacaann cttacaaant 360
ccanantnna atantctctc tanatagaat atggcaataa tntatnctat cgtnngtagt 420
tctcatantt atcnantgct natatnnagt ntaactncca catactantt canactatat 480
nnctatcanc tcactctctn ttacggntcc tacntaaaac tcnatacntc tctatnttnt 540
antatctatc nctctntnta tatntctagc cactnnnnct tancctcata aagtntnaat 600
cacannntnt ntntntgatn tcttcatata gagctaanct ancatatant atttcataat 660
atcgagtatn atncnganat ctcgntctta ntactnngna tatacacnac atatatccnt 720
nantccaatn attannnanc nctatatanc natctctant cncactattc tcncgctgat 780
nacantagaa atacnnatat ancacctctn tccnananat tntcnacnca tctnacatcn 840
nttgtactcc actactnaaa acnngnacat gtcatctata ntantctntc tatatacagt 900
nnatnctcna atanactcgn ctttcanaaa gntnanacga tanatgannn tncnnacnca 960
taatcttnac ctactactca natgganntt gctctnataa taccagncga tggncncatt 1020
tcacttttnn tacactgatn tctntatact naaanannat agtatgttca tgntactcac 1080
ncatntncaa ttccanatan tgtntgtnnt atcgtncacn tctgagatcg atctnatana 1140
tancnantcg cnttatncan actcnaatcc tagagnccat cactccnacn ntaantatat 1200
ctntacatnt gatggcgntn tcncntntct atctntcana aacnagatng cc 1252

<210> 2582
<211> 1306
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
<222> (1)...(1306)
<223> n = A,T,C or G

<400> 2582
cctcttcccg nnngttntnn tcntntgaat gtnntntatg ttntgtgtnn tantgntntn 60
tntgttctnc atngtgtttc tgtnntttgt aantacnntn natatnantt gtggagnnan 120
ataacnatnn natatnantt ctngatgatn nntnncnnna ttaancntga tcgantccgg 180
ggctgttntt ctccgcanag ggcccctgcc ttggntcttc tataagacaa ggngtncata 240
atnngggnat gaccttgaga caanaactgt nggngacttt ttctgccata gaccagatng 300
ctatggntga atataatgtt ttgntncgan ntctannatg catanntgnt tantctnttt 360
tcggnnngng nnnnatnnng tcgttttntt tnatttctca tnaatnctnt nctctattnn 420
cttatngngt gtnncgtgnt tcntgnntan ttntgtngnt cttanaagtt ttnanaaatt 480
ttngntntga anttacnaaa nnttgnttnt gannttnttn nnattgtnta nancnntntt 540
tccatntnat ttttatccga tatnttntnn tcntttcntn tgttctctta ttngatttat 600
anttantnna ctgtntctac attntatnag attctagtct gtatgattng nantntcnnt 660
anattatgtt ntcnggtgtn ntgtaanaan nncangttat gnnatgataa tttagnnann 720
tctggtcnnn acatctttnc nctaactatn tntntgtctg tgattnnanc nntcatantt 780
tngantttct ttcttttnng aattaatatn nntngantgg tgaatgnnca tatcaccntg 840
cgcntagcta cttatgtacn ttttcctcta cagcacnctt tcatacattt atatagatca 900
gnannntatn tngattngca ttctatagtn tgngtatttc ctctaactct ctntgtgnca 960
acattgcgtc tntnnntaan gatntacata agcnatanca tnnnattntt nttnntcgtt 1020
nttgttnntc ntcnntggta tntatatnnn tcttatagtn anttntgtna tnantaannt 1080
cttntnatan tatcatagct tttagggtnt aatantacgn ggntatntcn nttaccttag 1140
tgtantatat natatntnnt aatacatttg gngnctgngn acntnncctt ttnnttatct 1200
atatctatga ngngtntcca tatnanccnt attgngatag gggtgntctg gtggtnacca 1260
ctnnngantg tctnttatat nttntnantn tntnacnatt ctctnt 1306

<210> 2583
<211> 728
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(728)
<223> n = A,T,C or G

<400> 2583
tacctcgntc gantccgttg ctgtcggaaa cctcaacaga cactgccgta acgaatgaat 60
gggagaagag gctttccacc tcccccgtgc gactggccgc caggcaggag gatgccccca 120
tgatcgaacc acttgtccct gaagagaaaa tggaaaccaa gacggagtcc agtggaatag 180
agacggaacc caccgtgcac cacctgccgc ttagcactga gaaggtggtg caggagaccg 240
tgttggtgga ggagcggcgt gtggtgcacg cgagtgggga tgcttcttac tcggcgggag 300
acagcgggga tgctgcagca cagcccgcat tcacaggcat taaagggaaa gagggctctg 360
ccttgacgga gggggctaaa gaggaaggag gggaggaggt cgctaaagct gtcctggaac 420
aggaagagac agccgctgct tcccgtgagc gacaagagga gcagagtgca gccatccaca 480
tttcagaaac tttggaacaa aaacctcatt ttgagtcctc aacggtgaag acggaaacca 540
tcagttttgg cagtgtttca ccgggaggag taaagctaga aatttccacg aaggaaatgc 600
cagtagttca cacccgaaac ccaaaaccat cacatatgaa tcatcacang gtcgatccca 660
ggccccaaga tcttggaagc ccaggcgtgc cttgatgagt gccacagacc gatcaccttc 720
ttgaaact 728

<210> 2584
<211> 710
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(710)
<223> n = A,T,C or G

<400> 2584
agccttntnn atcccgtngc tgtcgctctg tttctctggc taatgtattt ttatcacacc 60
caagaaattt aacgtttata agatgtaatc atttaatata ccaaccatgt gtatactgct 120
tcagttgctc ctcagattcc tgaatctaat cagatataac actttgcatt ttgtttaccg 180
gtctctctag tcttctgtaa ttttcccagt tttttcccat aatactgatt tttttttcag 240
cattaaagct agctctcttg tagagtagtc cacagtctga atttatctga ttgtttcatg 300
attagattca gattaaatat ttttggagaa atacagcata ggtgattttt tttccctgtt 360
gcattatatc aggaggcatg aaaggttagc ctgcatgatt attggtgatg ttaaatttga 420
tcacttgatt aaggtagagt ctgctggtag aaaacatacc tttgaaatta aaagttatca 480
gtaaccaaag attatcttgt tcaatgacca tctctcatct aataggtttt gtcatttatt 540
tatgatcctt gccagaatca gtgattacct tagtggttgc aaaatattga ttttctactt 600
caagagatgt gttaaaattt ctttttaaaa attgttaccc taagatggcc cttggctata 660
gtaatcattg ctctttttat ttanaatgga ttaggaagtn tgtgagaagn 710

<210> 2585
<211> 1453
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1453)
<223> n = A,T,C or G

<400> 2585
ctcgctccnt atnnanttnt aannctgtgt nnctatgtat gntnganata tcntctantt 60
nggattangt atctattgan ttttttttnta cnggggtcnt attnacntat tnctntttac 120
ancatggttn ntnnntnntt nnttaccnng atcnannccg gggctgtnnt tgttcaccga 180
gatgcgcctt ctgggacact tcccccttggt gccatcatcc ctgctcctna ctttnctcc 240
tctcccctc ccatgngatg tgntgcttga tttgttttac ccctcncant tttttnatan 300
tantctntnc aatanncant ntatancttt antntcnact ttntnanact atnatttct 360
ntcnntaact cacttntatt nttncntttc tatgatgaan ntttnttnta ntncgatttg 420
acnagntntt atgataatct natactactc tcntaatata tnanntntng ttttatnttg 480
ttacctngta tcnncttact tatnttnact ntacntatct ntntctantn tnntatttaa 540
ttcctanact attctaatnc gcatcnttct attgtantta tttaatgnnc annttngtcc 600
tncntctcta tacacancta ntacattant nntagntaac tatcnnnnnt attntctgtc 660
cgtntttctt cnttangntg tnnntcanat atgatnnctg tttgncnact ctgactatcn 720
gnacattttc tnggtattcn cacggacnct cnctcntcat nttcatnaca nncatntatn 780
ctatactnta ncttacnaat nantacnntt ntcanatatn cnatcntncn tatagtntnt 840
tatnttatct ataantaatn taagtacntn attcttttta ctgtcncnaa acaatgccat 900
gntatctacn tcatcnatta tnttntctnn tacnantgta ctatnntctn ctctatctaa 960
atnatntctt cnaanncgta tagntatctt aatntantnn anataatacc tatngntant 1020
acgtatccta tcaanatnat cgnnacncnt tgatctgtta tnttantnta ntaacatanc 1080
ttcntatcta ngttaagnat gtatatatna ncnnacatna nntattctat gcntaantat 1140
cttatnntat tanntcancc nctctcnctn tcntatactt tcntaaacgc actatatnnt 1200
gtanatntaa ctaanctnct ctctatctat gttcacctnt tatanaaatc tatcatacna 1260
ttananntcg atngtatcta tntctnttct catacttngt ntctgnaacc ctnttaccag 1320
catcacttat ttctngatna nctatntaat ttccgntacg ctanncntnt atgtaatntn 1380
nttnnnaact natntctcan cccnctcnta tctaaanngt tacncataat ntacctgtct 1440
cncgnncatn nnc 1453

<210> 2586
<211> 711

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(711)
<223> n = A,T,C or G

<400> 2586
tnaccacgat cgantccgtg ctgtcgaaat tttccagttc ttttttcagc ttctttattt 60
cctcctaatg gaaacattat ctttaaaagt tgcatatagg aaatatacat attttacgtt 120
tgaacaagga gatttaattg taaatatgaa agccaaagta ttcctgaatg gtcaaataca 180
gcaataaagg cagaagaatt aagatttttc tttgttccat tgtacagtgt aaataactaa 240
gttgttaact gtcaagtcca gttatgtatt ctgtaagttg tgttctagtc tttgactaaa 300
atttatcatc tcttataatg ggacttaatc tttctctaaa agcatataag agcttgtcaa 360
tagagcaatc aatcaaaaag attttgtgat tcataacatt gaagttagtc tggttaagag 420
ttttggttta gacttcattt atattttcct tactaatatc taatatttaa tgaataatga 480
tcaatttttt ataaagttat taatatgatc agggaaacct ttgggacttc tgacaggcat 540
ctggtgaaga gacaattcaa gccttagtga ctatttagaa tagccagtga tcactagcta 600
atttctcatat ccatgccttt ttgtcctgtt tacagtctta aaagangtaa aacagcaaat 660
atttttttaa gggactatac cttaaggatt cctgaaaaag aatttcaaaa a 711

<210> 2587
<211> 704
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G

<400> 2587
taccncgntc gantccgtgc tgtcngcctt ttaatagttc cagtgaggtg agagctggat 60
gaggtgggta caacagaatc atcaaaaatc tggccgttga tgggacctca gagtcacttg 120
aggaagcaac atttgagcag catctaggag ccttctggga aaagatggag aaaactaaag 180
acgttaggtt tattgcaaac caatcaatca tactcactga tcacctacta gaggaaacct 240
gtgataacac ttgtggggag atttatagaa agaagacgta tttgcacatc aggattttac 300
atcatgatgt gtgcctgtgt gtgtctgaaa aatactagca taacaagctg gtgagtacac 360
tatgaaaaaa aacaacaaca cctacttcat ttggcagagc accagaaatg agggggtaat 420
gaggtcctgt ctttgtggca tggtaaaaaa aaaaaaaaat tgccctttta attcagtttn 480
ttnttctgaa atgaaaaaag taanatttac cccctgaata cttgacagga tgtttgcaag 540
gcttggttaa tttntgtaaa tgttttgagc tcctntgang ngtgtgttct ntaaatagga 600
ggtttaatag caccgtcana ctgaacaaac tganttgagc tgcantnntt ttccgggaaa 660
naaacccaac ccccntaaag cntgaccccc ttctgggntt gcnc 704

<210> 2588
<211> 726
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(726)
<223> n = A,T,C or G

<400> 2588
tacctngnnc gattccgtgc tgtcnnactg antaggtngc gcngtncana ctnacacagc 60

acctcgnttn tacacaggag anngaaatgg ccgtacttcn agaactgcag tgcttgtgag 120
gggatattnc ngccnnnnga ntttnngatg tncatggnca ttgtntnaag gtnnngngnn 180
tnncctnnat gtggactttg aatggtncat caaaagattg gtttttgcag agattttaaa 240
gggggagaat tctacaaana antgntacct nnttannncn ncntnaanga tganaatcct 300
ggtngaagnt ngttnaaaaa nngctaaatt acntagacnt angcattanc nnntnngngn 360
nncaatntng ccaccncctn tggnatcatc tagagtgaat gttaccaana tngcattcta 420
agntctattt aactgactcg cactgnatga cgaatttaaa aaccttcttt gnatnggntt 480
ancaaaactg tgcntcacca ttgcacantt antgtcctat ctatncatnc gaaactttgg 540
ggggcctgtt agccnacact tnaggaccng gccatctcat tgggactcat tgatggcttn 600
tntncntana aacantttnt gttttnaacn gggtatnacc tcttntttan gggatttttt 660
ttttngaccc caannactan tttgagnatn ttnnttttgc gcaaaaaaaa atgggtttct 720
ttannt 726

<210> 2589
<211> 1444
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1444)
<223> n = A,T,C or G

<400> 2589
cccccccccn natattannt gtgtncnact nnanggagtn ntttnntttn ctctnnnagt 60
tntangttaa tcttnatnan ncntncntcc agatacatag angcntgggn ttnttcccca 120
tngcccctan ngggntttnn taanaannta atcccncnnt attgagcatc ntttncgccn 180
atnagaacnc ngggnntatt ttngaactag gaanatcgtt cacnncntng cnggtgagtt 240
catgattaat anattacana ngtggatnaa ntnnaaanac gtcagtanan ctatnttnta 300
nnctnagana gngtgantgn antnncnnac gaacngannt nntatngtac tnctgangta 360
ggntactaaa ttacctnnan ataatnacat ctaagtatng tgggtctcta atgttatgaa 420
ngntacgctn ttaanngttn gttnttgcgc gntanntanc naaacatann taactantgg 480
tgacaacatn tngntcagcn acnntctctt aannatggga angnacanat gncngnatcg 540
tacattangg ctcgngtatc atgagnnctg ntnataanag ataaggatan ntntccntaa 600
tggaattcta antgtatggg canataaaan gtanntgaaa ncgnnntgcn aattgctacg 660
aanantgnat gcaatagnng aagcgtatgt aagggtncgc tcttntacgn anatatatag 720
tnttgntnat ancgatcnta taannttatc ttatgtatat ctnnnacatt ttaagntaca 780
cgtgaangan nttgccanng cannattaca tnacattgnt ntnagtaagt gatnggnaca 840
ngcttaggga aatcantgag cncagggnat ntnaatatna tcggnntacc ntaggtnatn 900
ngaanatgnn natgtaaaag ngttcnnaat atatactntn aacgatctgn nangtgtang 960
gagtnntcta acacanggtt aatntacggt nagtgagnga aannnattan gtatncatat 1020
anaatngtga agcaaagaat ntcgaacnct tanntcacnt tcagctatnt aagctngagt 1080
acacnagcat tnnntcntna nntaancaat ngctacacgt ctanactngc natatggtag 1140
agnatcacan gaacgtactc ntttatnctc aggaatnnat gaacggtgag acttntnaac 1200
gtntacangn naggaaatat natncnatgt ctagntagna cnaatatntt ctaacngacn 1260
aatnangtan tnngttgntn aannacntcn tgncntatnt tnnattnntc cacatantat 1320
atncngaaga tcaatattnt atcatnactg tatgntagac nanttgttan tantaanaac 1380
gnagcnctan acnntnncgc aggantatnt annnacntng tacgnctnct atacnnntan 1440
nncg 1444

<210> 2590
<211> 739
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(739)

<223> n = A,T,C or G

<400> 2590

naaccacgat cgaattccgt tgctgtcgtt gtccttttct aatagttcgt gttttagaaa 60
ttcagaacaa acaatttctg aatgctcctc agaacgccaa ctcaggcaga gaatctcacc 120
gaaatagaga agaagctcat gctcctggaa gaaacagccc gaggagagcc gctgggccac 180
atctggccac tgtccgcagc gctgtcagat tgctggggcc acatctggcc actgtccaca 240
gtgctgtcag atccaaggag agccgctggg ccacatctgg ccactgtcca cagcgctgtc 300
agatgccgac caaaccctgc tttggtgttg aggtggttcg tctggtagcc tcctttctta 360
agggtattta atctgctgca aattgttttc atgtatgcaa tagatgttac tgtaactgtt 420
ttataaggtg cattgtcttc accttggcag gctctgtgcc agtctgtgtc tagtctgatg 480
ccattcctgc acacatacat ccttgcccca ncattttgga nggctggagt taaggaataa 540
tcctggtggg gacttaatat taactatttg ggantgggaa cttaatattg gatcctcatg 600
gtccaactgg gccccacctt tcccaaaccc caaaaaaang gntgaanaat ttntcttttt 660
taacaaaaaa cattttaacg attaagggcc aatacttntt aaaaatnagg ttaattaaag 720
tttnattncc ccacccaat 739

<210> 2591
<211> 704
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G

<400> 2591

naaccncgnt cgantccgtg ctgtcggcag agcgaaaggt ggncgagtcc tgaaggaggg 60
cctgatgtct tcatcattct caaattctta ggacggtcgg gccctggaag gaacgctctc 120
ggaattggcc gcggaaaccg atctgcccgt tgtgtttgtg aaacagagaa agataggcgg 180
ccatggtcca accttgaagg cttatcagga gggcagactt caaaagctac taaaaatgaa 240
cggccctgaa gatcttccca agtcctatga ctatgacctt atcatcattg gaggtggctc 300
aggaggtctg gcagctgcta aggaggcagc ccaatatggc aagaaggtga tggtcctgga 360
ctttgtcact cccacccctc ttggaactag atggggtctc ggaggaacat gtgtgaatgt 420
gggttgcata cctaaaaaac tgatgcatca agcagctttg ttaggacaag ccctgcaaga 480
ctctcgaaat tatggatgga aagtcgagga gacagttaag catgattggg acagaatgat 540
agaagctgta cagaatcaca ttggctcttt gaattggggg ctaccgagta ctctgcggga 600
gaaaaaagtc gtctatgana atgcttatng gcaatttatt ggtcctcaca ggattaaggc 660
accaattatt aaggccaaga aaaaaaaaaa aaaaactcct ggnn 704

<210> 2592
<211> 1481
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1481)
<223> n = A,T,C or G

<400> 2592

cnncccncnn ancanngnng ntgaaagntg tgntgatgga tatnnaantn antatatggn 60
ntatattaat gttttatnng tacccctntn aggtnttnta nntagtnttn tctttcctat 120
ngtnnnnnnn nnnnnnatga ntaccnngnt ngaatccggg gctgtantcg gcannnngtc 180
ccccggctng nganaattat tatatnnata ttacgnatan nnatacatta naattgtttt 240
cntcttaaaa tttggggggn ttttttttnat ntcgagnatn anttntnaat nngcgatttc 300
tctatacnat tgtcnatnta ntanccttat atnangatct nctatgcatt anancatgta 360

ttntnnatgt gttntgtann attcttntgc nttgntntat naaatcnctg tatttataag 420
natngtagna tnnttttatn aatacnnang cngtanttat nntnctattn agtntntaat 480
tagttcnaag naanttatta canatnaatn tttntatana nggtagntag ctgtgatgcn 540
atcgaactnt tatntnatat gtatattngc aaaggactan ataatngtat gttatntnnn 600
cntncnangt acgtgncnna aggtatcgat gtnatnanct gcnncgtana natnnngann 660
ntattnangt natngatntn atcgctacgt tntngcnaaa tatcgttcct attttnctna 720
ncnnanntat gntagantat gagnantata ccntacgtaa ggganntatna tatnttgtgn 780
tatcgtannt naaacgtant atancgtntg ngatgtgcat nantattana nnttanngaa 840
tganntanga ataggngnnn tgagtgnagt aatntncata tttnngtata nattgcncta 900
ngnacgtgtc tgaagtntgt ntatngctct cattatttat ttcgancgct antatttgtt 960
atgtantgat tacctanntt angtaatatn tattnagnnc tcttgcagtt tatntgtnta 1020
gntatggnat cnnactnata taanatanta gttgnntatg anatctaatt gnangtacaa 1080
nnaantcaan gtnatattna atnacgatga gnancgtnan attagnntat nntactgtaa 1140
tttaggctat atagtattnt gnntancnaa anannacnca tcttntncat tcncncgatn 1200
nntctatctt tngcangntc aagcaatnna tgntnancta nanaggtagg ntcatannta 1260
gtntatnnta ttaattagcn atnttcgtat cngcacnana tagntantat antttnannn 1320
attntaggnt ctgtattata tnantcnctt ngagttntnn cnnaagtata gnnctacatc 1380
atgtncatcn tantnntgga nanatcncnc gttnttgatg actgnagtga ntaanttacn 1440
agatngaata tatnngngct atctaaaact acnacgttan g 1481

<210> 2593
<211> 756
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(756)
<223> n = A,T,C or G

<400> 2593
ttnccttttt cnaattccgt tgctgtcggn acactttgtg atttccatta aggccaactg 60
cattgactcc acagcctcag ccgaggccgt gtttgcctcc gaagtgaaaa agatgcaaca 120
ggagaacatg aagccgcagg agcagttgac ccttgagcca tatgaaagag accatgccgt 180
ggtcgtggga gtgtacaggc cacccccaa ggtgaagaac tgaagttcag cgctgtcagg 240
attgcgagag atgtgtgttg atactgttgc acgtgtgttt ttctattaaa agactcatcc 300
gtcaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 360
aaanncnnnn nnnngggggn ttttttttt ttttnccnna aanaaaaaaa nnnttnnngg 420
ggnnnnnccc ccccccctnt tnnnttnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480
nnnnnnnnnt tnnnnnnnnn ttntnnnnnn nnttnnnnnn nnnnnntnnn nnnnnnnnnn 540
nnnnnnnnnn nnntnnnnnt ntnntnntnn nnntnnnnnn nntttnnnnt nnnnnnnntt 600
tnnntttnnt nnnnnnnnnn nnntntnntt tnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnt nnnnnntnnn ntnnnnnnnn nnnnnnntnn nnntnnnnnt nnnttnnnnn 720
tnntnntntn nnntnnnnnn nnnnnnnnnn nnnttc 756

<210> 2594
<211> 684
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(684)
<223> n = A,T,C or G

<400> 2594
cccatactcn catntccagc tctatgctca gagaattacc agaaaataaa attacatgaa 60
gcttgaatat agggagatgg aaagatatta gacaaatatt aaagaaaatc tgggccaggt 120

gtggtggctc acacctgcaa tcccagcact ttgggaggcc caaggtggga agattacttg 180
aggcaagggg tttgagacca gcccgggcaa catagtgaaa ctctgtctct ttaaaaaaga 240
aagaaaagaa aagaaagaaa gaaaagaaaa tctcagtgag tgatggtcag aatagaattc 300
aacataacaa gctcattatt aaaatatttg atctcactgt gtacaattct gaagacactc 360
attcatgtac ttcattaaat atttctagtt tgctaaaaat agaattaccc ttcaacccag 420
caatcccatt actgggtatc taccaaaagg aaaaaaaaaa tcattctatg aaaagatgcc 480
tgcacttgta tgttcatcac agaactattt cagtagcaaa gacatggaat caacccangt 540
gcccatcaac agggggactg gataaaanaa aggggtggta caccggcccc ccttgggaat 600
actattgccg ccctttaaaa aaaccatgga aatcctgtnc ctttgcaata acntngattc 660
cactnggagg gcatttttnc ttaa 684

<210> 2595
<211> 708
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(708)
<223> n = A,T,C or G

<400> 2595
taacctcgnt cgantccgtg ctgtcgnttt ccactattga cactgcccgg ctgattcaag 60
cttttggcca tgaaagagta tgcttgtcac ccagacgaat taaattatat agcagcatca 120
ccaaccaaca gaggagatac cttgagaagc ggagcaaaca cagcaagaaa gtgctgaata 180
caggtcatcc cctagtgact tctgagcaca ccagaaggag acacatccag gtagcaaacc 240
atgtgatttc ttctgactct atttcctctt ctgccagtag tttcctgagc tcaaactcta 300
ctttttgcaa caagcagaat gtacacatgt taaacaaggg catacaagca ggtaacttgg 360
agattgtgaa cggtgccaaa aaacacactc gagatgttgg gataactttc ccaactccaa 420
gttccagcga ggctaaattg gaagagaaca gtgatgtgac ttcttggtca gaagaaaaac 480
gtgaagagaa aatgctcttt accggttatc ctgaggacag aaagttaaaa aagaacaaga 540
agaattccca tgaaggagtt tcctggtttg ttcctgtgga aaatgtggag tctagatcaa 600
agaaggaaaa cgtgcctaac acttgtggcc tgggcatctc tgggttgaac ccattaccaa 660
gaaccgaccc tggagggagc cactgnggga gcaaacttgt cangggct 708

<210> 2596
<211> 694
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(694)
<223> n = A,T,C or G

<400> 2596
gngctgtcac actgaagttt tgttcnagac actttgggct tcgctgattg aaaacaccac 60
accaactgaa aaatcactgt gaaaaagaac ctggtagtac tgtcaatatc aagtaggatt 120
cattaatttt ctgacattac tggacaagat ggttcgtgcc attcagaaag ctctttttct 180
ttcttcttct ttcctaatac agtgaggcat acaacgtagc ctgccttatg gttaagttgg 240
gtgtatgact tgtaaacttc cctcttgcta ttaaagatta tataatggga agttcattgg 300
ttttgaaagg cagaccaaac ccacccatgg gatttctatt ggctttttag atgtattgca 360
tttctctgag taaacccatg tggctgagaa atagtgagta gcttgttggc tgactgtggg 420
aaaaccctaty aaggatcagt tgatctcatt tgggcaggag tcagaaatgg ctgagaatct 480
aaaactatat atatgaggat ggttttctct tgatgttgca atctttattt taacatgttt 540
ttgtgtttag cttctggagt tgcctaacag tataatttca aatgaggttt aatttcagct 600
gtttaatttt aaactgtang ggaacatgat taaaaaaaaa ttaaaggctt tatcatttgc 660
cttaaaattt taatggtttg gtataaaaaa gant 694

<210> 2597
<211> 712
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(712)
<223> n = A,T,C or G

<400> 2597
tgacctcgnt cgantccgtg ctgtcggcct aagcataaaa ccaaaattat aaaactccta 60
gaagataaca caggagaaaa cctggatgac cttgggttgg caatgacttt ttagatacaa 120
taccaaaggc atgctccttg aaagaaataa ttaattgaga agccagaagg caaaatggta 180
cagccatttt ggaagacagt ttggccgttt ctcacaaaac taaatatact cttaccatac 240
catgcagcaa ttatactcct tggtgtttac ccaagacttg aaaacttgtg tctacacaaa 300
aatctgcacg agtgtttaaa gcagctttat ttttatttat aattgccaaa gcttggaggc 360
aagtaagatg tcctttggta agtgaatggg taaactatgg ttcatccaga taatgagata 420
ctattcaatg ttaaaaataa ataagctatc aagccatggg gagagatgga ggaaactgac 480
atgcatacta ttaagtgaaa gaagcccatc tgaaaacgct acgtactata tggttccaac 540
tgtatgacgt cctggaaaag gcaaaacttt ggaaacagta aaaagatcaa tggttagcag 600
gatttgggca ggggaangga tgaataggca gatcacagat gatttttang agagtaaaaa 660
atgcacngna ttagaatgga tggatcatat tatccatttg tncaaacccn ct 712

<210> 2598
<211> 860
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G

<400> 2598
cgncctcgnt cgattccgtt gctgtcngcg cctgcctttc ccatctgtct atctatctgg 60
ctggcaggga aggaaagaac ttgcatgttg gtgaaggaag aagtggggtg gaagaagtgg 120
ggtgggacga cagtgaaatc tagagtaaaa ccaagctggc ccaaggtgtc ctgcaggctg 180
taatgcagtt taatcagagt gccatttttt tttttgttca aatgatttta attattggaa 240
tgcncaattt ttttaatntn caaataaaaa gtttaaaanc ttaaaaaaaa aaaaaaaaaa 300
aaccncnngn gnccnttttt tccttaaanc cnancttnaa aaaanccttt nnnnatttng 360
nccnnccccc cnntaaantt cnnnncnntc ttactntnnt tncnattttt ctttttantn 420
tnnnntctnc cntcattttc tnttnnnttt tttnnannen tntntnctcn anttctntac 480
tntnnnattc actnctctac ttcncnttct actntttnnn nnanntcttn cntnnntnta 540
tctnctctnn tcactntnnt nnnnnttnnc tcctncnnnt cnntnnnctc ncttncncnc 600
nccnncattc ntnnnnnntn nntattntnn nnncnncnan ctnntcnncc ntncnatntn 660
ctnnnntnnc ntctnnnctc nttcnntatc tnnnnnnctt cttnnanntn cntcnnntnt 720
cnntcnnnct nanctttnnn nnnnnttatn anntctcnnt ancactnntn tnttncatnn 780
nncttntntt nnnttncntn atntnctcnn tanctnttnt tancnctact ctcantntnt 840
nttnccttnn nnnnnttncc 860

<210> 2599
<211> 939
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1)...(939)
<223> n = A,T,C or G

<400> 2599
cnacnacnnn nnannnannn nnangngnna nannganaan naggnantan nnnngannnn 60
nanaanannn nnnangggga gancangnan ngannntaan nccacnnnnn nnnnngaggc 120
gaannnnnaa agtannnann nannannnag nannnnannn nnnnnnnnnn nnnnntaana 180
cccttgngaa aaacccgggg gctgtnaaaa cnncgcngag gncccgctgn ngcnggaana 240
gtagaatcaa gaaccgagga ttttacatgg gactgggagg acgagcaaaa ggaggcttac 300
cgaatccgga gatcccgagg aggaggaaga ggaagaggag gaataanngg naagaactgt 360
cacaggtang gaaacatctc agnaaaagca gggattgagc ttcatgaaat nctaagggca 420
tatnaaggag caangacttg aaaccnngta aganaanggg ggtggaataa nctctgatac 480
ntccatgngc antggagagn naaaggngag agccacggaa agcacgagac agntcngngt 540
aaggggnctt ttncagttgn ggaancaggg agcaaanggc atcnagaggg nccngcaaca 600
caaancaata tgcttannag agggatnaat naanaacnnn ggagctaggc atgngaggcn 660
tcgagcctgg naaactacaa cactntggga aggccaaggn aggcggagaa taccaacccn 720
gaaacaaacg gtagagaaaa ccccatctcn actaaaaaan caaaaaatga gncgnggcgt 780
nggnggcaca ancccggnan ncccanatnc ncanaaagct nnagggcang aagaaanncn 840
tcgaaaccag aacaagcaga angtaggagg ncganatnaa aatagagcca gatngnqqan 900
ccaacangng nnaaaaagaa caaaaacatc naccnaaag 939

<210> 2600
<211> 711
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(711)
<223> n = A,T,C or G

<400> 2600
gncacgatcg aatccgttgc tgtcggggtg agagagatgg tgttctggac acttcccctt 60
ggtgccatca tccctgctcc tcctttcctt cctctccccc tcccatgaat gtggggcttg 120
atttgtttta ccccttaagt gggctgaaga tgtaaagctt aacctcttcc aaactagatg 180
ctttgaggtt ccagctgtca ctgagaacag cttggtagct ggtgcagcgt accagcgtgc 240
agaggcagca ttgttcagct ggagcctcac tgctggagcc tcatctacca gagggctcct 300
tccatactgc ctccatgctt cgctgtagaa tcaggaggcg accacagcag cagaacactg 360
ccaccctagg atccagagct attgcacaaa attcacacac aggtgtggct gtgacgtgtg 420
gccataagca tcttcttcct ttatggcaca gtttctgagt gtagcagagc ttgatggggg 480
tgagcccaac acccacactt ctcctcactg ccttcctccc ttctcagcac ctcgtaactg 540
aggctggctg aaggaaagga agcaccagag atgattcccg aggtgttttt aggtcaggag 600
gcactggcat gaggcangct ctgcagttgg gtatgacctg ccctgcttta cctgggacca 660
gaaattnctg ggaanggggc tctcaacgct gaaatggtga tgtnggggna a 711

<210> 2601
<211> 710
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(710)
<223> n = A,T,C or G

<400> 2601
nacacgntcg antccgtgct gtcgctgggc tagaacctca ntctagtgtt caaaggagct 60
ggcagaatgg gttgtctcgg catggaggac ccaaaagcag agctccctgg tgctttgggg 120

gagagtgaag cccttcattc cactcctcat tgcagaccag ctttcctggt attcatgcac 180
tgctttttgt aacgcctcaa atgaaggcca cagctcagcc aagtagaaga gagctcctaa 240
taaatgaagt ctggttgcct ttgaatttat aaaataatca aagttgctat ttcctgctaa 300
ggagacagat acagaacagg tgataggcca cagtcattac tgtcccctgc ttgttcctg 360
agcccctggc cttctacctt ttctaactgc tgtcagaacc ctggttgggg acttcctttt 420
gcctggttct cctgggcttg aatggcaacc tatattgaca gatttcatgc cacagttctt 480
tttcaaacaa gatgattcac aatggaataa ttgggtttgg gaagaagcct ttttaaagca 540
aactatggaa aataattgat gagtagcgca gttttataaa actttttttt ctattaccct 600
tttaaaaact atgttgctaa ctgcacatca cactgcattc atatnctggg gactaatacc 660
ccttgacctt gccatttgaa ttaangngga aaaaaggtca taagtnacat 710

<210> 2602
<211> 715
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(715)
<223> n = A,T,C or G

<400> 2602
naccncgatc gantccgntg ctgtcggaga gtggaggcca gagaagacca aagctgagga 60
atgcgacctc aggatttcct tctttctggg gatagttctc tttaggagga agaggagtta 120
gcccctcact tgcttatccc tctcctatgc tctggagttc ctctccaccc ttgcccccac 180
cccacattgc cccctcctgc tcggtcagtg cctggccagc tcaggcagct tgcgtcacag 240
taaggtaaag ccagaatgag ttttaggtct gagtgagatt ggaaaagcca ttcctctgac 300
cctccccacc tgctcccgtc tctccaggca tcctacctgc aagaggacac tgtgaggcgc 360
aaaaaatgtc ccttccagag ctggccagaa gcctgtgagt gctgttgaca cgcacccttg 420
tgcacacaca tccccttttct ctttctgtct cctacacaca catgtacaca cacacacaca 480
cacaccccgc acttcacaca tgtgctgggg gaagtcccca gaagcatgca ggtactttcc 540
ctggagtcag tgggggggaaa agggctgcca agtctaccag tccgcttgcc aatagatcaa 600
agatcgcttg agcacccgca gtacttgtga aaaagtttan aaatatgagg cctangagaa 660
ggtgtcctaa gaagatggcc aanaagaccc attnccatac anctnttgtc nattg 715

<210> 2603
<211> 707
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G

<400> 2603
naccncgatc gaatccgtgc tgtcgccggc ctcctatgcc ttctttccgg gcctgtttta 60
agagcatttt cagaatacac acagaaacag gcaacatttg gacacatctc ttaggttgtg 120
tattcttcct gtgcctgggg atcttttata tgtttcgccc aaatatctcc tttgtggccc 180
ctctgcaaga gaaggtggtc tttggattat ttttcttagg agccattctc tgcctttctt 240
tttcatggct cttccacaca gtctactgcc actcagaggg ggtctctcgg ctcttctcta 300
aactggatta ctctggtatt gctcttctga ttatgggaag ttttgttcct tggctttatt 360
attctttcta ctgtaatcca caaccttgct tcatctactt gattgtcatc tgtgtgctgg 420
gcattgcagc cattatagtc tcccagtggg acatgtttgc caccctcag tatcggggag 480
taagagcagg agtgtttttg ggcctaggcc tgagtggaat cattcctacc ttgcactatg 540
tcatctcgga ggggttcctt aaggccgcca ccatagggca agataggctg gttgatgctg 600
atggccaacc tctacatcac angagctgcc ctgtatgctg ccccggatcc ccgaaccttt 660
ttncctggca aatgtgacat ctnggttcac tctcatcaac tggttcn 707

<210> 2604
<211> 704
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G

<400> 2604
tgcttgcaat taaattcncc gtctcagttc aagagtgaat atagcaactt atgtgaacct 60
gagcagtttg tggttgtgat gagcaatgtg aagagactac ggccacggct cagtgctatt 120
ctctttaagc ttcagtttga agagcaggtg aacaacatca aacctgacat catggctgtc 180
agtactgcct gcgaagagat aaagaagagc aaaagcttta gcaagttgct ggaacttgta 240
ttgctaatgg gaaactacat gaatgctggc tcccggaatg ctcaaacctt cggatttaac 300
cttagctctc tctgtaaact aaaggacaca aaatcagcag atcagaaaac aacgctactt 360
catttcctgg taagaaatat gtgaagagaa gtaccctgat atactgaatt ttgtggatga 420
tttggaacct ttagacaaag ctagtnaagc tntgtanaaa cgctggaaaa gaatttgagg 480
canatgggaa ggcagcttca acagcttgag aangaattgg aaacctttтc cccctcctga 540
ggactttgca ttgacaagtt ttnggacnaa agatgnccaa gatttgttat cnagttgcaa 600
aaagnacaaa tatgagacac ttttcgaagt ttacacgaaa acnntgggaa aagttattcc 660
cgaantttaa taggnatact tttgcccatn gatttgaaaa aagg 704

<210> 2605
<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

<400> 2605
nnagatcagc tcttgttctt tttgcaggat cccatcgatt cgggatcctc caggctgccg 60
gctgggaagg cgtgggcgac ccggtgtgtg gcgcgcccag agccccgcgt ttcagcccta 120
gggaaggaag ccagttgagg gaagttctcc atgaatgtac gtcacaatga tgatgaccga 180
ccaaattcct ctggaactgc caccattgct gaacggagag gtagccatga tgccccactt 240
ggtgaatgga gatgcagctc agcaggttat tctcgttcaa gttaatccag gtgagacttt 300
cacaataaga gcagaggatg gaacacttca gtgcattcaa gatgaagtgg tgaagagagc 360
ctgcgattga agatttttтc atctcagctt tttccccctt accttgttct ctctcatgtt 420
tcatgatctg tgtcatagat atttcttcat tacgagcact tcgcggtgtg gcttttcaat 480
gtctgaagtg gattaagtgg cccacagtca gttctgtgac ttgagtttca aaagtnaaat 540
taccatcaac aatgtgattc aatttttattt tctatactag ctaaaagcaa ggaactatat 600
tattaacaat cttggcttta ctgtagttta aggcaggtga tgatgatgct tattagtcca 660
cctgaaagag tccttccang tttttggaac cttattcctg cttattacct tgcccttgaa 720
aagtccttca tggaaagtgg aat 743

<210> 2606
<211> 675
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(675)
<223> n = A,T,C or G

<400> 2606

attcanatac anctacttgt tctttttgca ggatccctcg attcgggatc ctccaggctg 60
ccggctggga aggcgtgggc gacccggtgt gtggcgcgcc cagagccccg cgtttcagcc 120
ctagggaagg aagccagttg agggaagttc tccatgaatg tacgtcacaa tgatgatgac 180
cgaccaaatt cctctggaac tgccaccatt gctgaacgga gaggtagcca tgatgcccca 240
cttggtgaat ggagatgcag ctcagcaggt tattctcgtt caagttaatc caggtgagac 300
tttcacaata agagcagagg atggaacact tcantgcatt caagatgaag tggtgaagag 360
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aatgtctgaa gtggattaag tggcccacag tccagttctg tgacttgagt ttcaaaaagt 540
aaaattacca tcaaccaatg tgattcaatt ttatttttct atactagcta aaagcaaggg 600
aactatatta ttaacaatct tggctttact gtatttaagg caggtgatga tgatgcttan 660
taatcccccc gaaaa 675

<210> 2607
<211> 756
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(756)
<223> n = A,T,C or G

<400> 2607

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aatgtacgtc acaatgatga tgaccgacca aattcctctg gaactgccac cattgctgaa 180
cggagaggta gccatgatgc cccacttggt gaatggagat gcagctcagc aggttattct 240
cgttcaagtt aatccaggtg agactttcac aataagagca gaggatggaa cacttcagtg 300
cattcaagat gaagtggtga agagagcctg cgattgaaga ttttttcatc tcagcttttt 360
ccccccttacc ttgttctctc tcatgtttca tgatctgngn catagatatt tcttcattac 420
gagcacttcg cggtgtggct tttcaatgtc tgaagtggat taagtggccc acagtcagtt 480
ctgtgacttg agtttcaaaa gtaaaattac catcaacaat gtgattcaat tttatttttct 540
atactagcta aaaagcangg gaactatatt nttaacaatc ttggctttac tgnangttta 600
aaggcaggtg atgatgatgc ttattaantc ccaccctgga aagaagttcc cttcnnggtt 660
ttttggaagc ttttatttcc tgctttaatt aacctttgcc cccttggaaa aagtcctttc 720
attgggaaaa gnggggaaac anctgnggtt tgacnc 756

<210> 2608
<211> 732
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(732)
<223> n = A,T,C or G

<400> 2608

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tgtcaatgag ttcacctgcc ctgtgtgttt ccacgtcaac tgcctgctct gcaaggccat 180
ccatgagcag atgaactgca aggagtatca ggaggacctg gccctgcggg ctcagaacga 240
tgtggctgcc cggcagacga cagagatgct gaaggtgatg ctgcancagg gcgaggccat 300
gcgctgcccc cagtgccaga tcgtggtaca gaagaaggac ggctgcgact ggatccgctg 360
caccgtctgc cacaccgaga tctgctgggt caccaagggc ccacgctggg gccctggggg 420
cccatgagac accagcgggg gctgccgctg cagggtaaat gggattcctt gccacccaag 480

ctgtcagaac tgccacttga gctaaagatg gtggggccac atgctgaccc agccccacat 540
ccacattctg ttagaatgta gctcaaggag cttcgtggac ggccttgctt gcttgtaanc 600
gtttgtaagg gccctgcctg cactgcggtt gtcacggtca catctgcccc aatgcctttg 660
tccttccttg gggcttgccg gcagactttn tatccctgcg nttccaacct ntgctgaccc 720
cagcttaaac at 732

<210> 2609
<211> 793
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(793)
<223> n = A,T,C or G

<400> 2609
tcttcntcga attncgtgct gtcgctacca ttgcaagacc ccagattgca agggatggtg 60
cttctttgag gatgatgtca atgagttcac ctgccctgtg tgtttccacg tcaactgcct 120
gctctgcaag gccatccatg agcagatgaa ctgcaaggag tatcaggagg acctggccct 180
gcgggctcag aacgatgtgg ctgcccggca gacgacagag atgctgaagg tgatgctgca 240
gcagggcgag gccatgcgct gcccccagtg ccagatcgtg gtacanaaga aggacggctg 300
cgactggatc cgctgcaccg tctgccacac cgagatcttg ttgggtcacc aaggcccacg 360
ctggggccct gggggcccan gagacaccaa cgggggcttg ccgctgcagg gtaaatggga 420
ttccttgcca cccaactgtc aaaactgcca ctgagctaaa gatggtgggg ccacattgct 480
gacccaaccc cacatccaca ttntgttana atgtagctta agggagcttc gtggacggcc 540
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ttgccccaat gcctttgtcc tttccnttgg ggcttgccgg ncaaaacttt ttttnccctt 660
ggggnttccc accttttgnc ttgancccca ancctttaaa aaataanccc cctgggccaa 720
aaggcctttt cnttgggtng ggaancccth ttgggggggaa ctccattaan ttctttccca 780
ancanaaaaa aaa 793

<210> 2610
<211> 767
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(767)
<223> n = A,T,C or G

<400> 2610
gnnnnttnnn tttatanata caagctactt gttctttttg caggatccca tcgattcgaa 60
ttccgttgct gtcggcgggg aggacgtacc ttgtgagatg cgagccggcc aacagcttgc 120
aagcatgctc cgctggaccc gagcctggag gctcccgcgt gagggactcg gcccccacgg 180
ccctagcttc gcgagggtgc ctgtcgcacc cagcagcagc agcggcggcc gaggggcgc 240
cgagccgagg ccgcttccgc tttcctacag gcttctggac ggggaggcag ccctcccggc 300
cgtcgtcttt ttgcacgggc tcttcggcag caaaactaac ttcaactcca tcgccaagat 360
cttggcccag cagacaggcc gtagggtgct gacggtggat gctcgtaacc acggtgacag 420
cccccacagc ccagacatga gctacgagat catgagccag gacctgcagg accttctgcc 480
ccanctgggc ctggtgccct gcgtcgtcgt tggccacagc atgggaggaa agacagccat 540
gctgctggca ctacagaggc cagagctggt ggaacgtctc attgctgtag atatcagccc 600
antggaaagc acaggtgtct cccactttgc aacctacgtg gcaaccattg aaggccatca 660
acatcgcaag attaaactig cccgnttccg tgccccaaaa actggccgga tgaaacaagn 720
ttaatttctg tcattncaag gaacatgggc cnttccggna ncacctn 767

<210> 2611

<211> 949
<212> DNA
<213> Homo sapiens

<400> 2611
tggaaactat gtccctgcac ccaaagaagg ttcttttgaa ctttatggag accgagtcct 60
gaaactggga actaacatgt acagcgtgaa tcagcctgtg gaaactcatg tgtctggatc 120
atcaaagaac ttagcctcat ggacccagga aagcattgct ccaaaccctc ttgctaaaga 180
agagctgaat ttcttggcca ggctgatggg agggatggag attaagaaac ccagtggccc 240
tgagcccgga ttccggttga atctctttac caccgatgaa gaagaggaac aagcagcgct 300
aaccaggcca gaagagttat cctatgaagt tatcaacata caagccaccc aggaccagca 360
acggagcgag gagctggctc gaatcatggg ggagtttgag atcacggagc agccaaggyt 420
gagcaccagc aaaggggacg atttgctcgc catgatggat gagttatagc tgttctgacc 480
aggcgtcctc tgcccccagg gagaggctgc tggatggtga cccctgggga atgccccatg 540
gcccagaatg atgctgctag ttttctactg agtgaagcca ttacgtctat ttcttattta 600
tgttgtaagg aactgtgtga gtctcccttg aggagcactc actcttgaag gcacacacat 660
acacatattt tcagtgaaat atattctgac ttttaaactt gacctttccc attttattct 720
taattctgag gcaggagaat cgcttgaacc caggaggtgg aggttgcagt gagccaagat 780
catgccattg cactccagcc tgggcaacaa gagcgaaact ctgtctcaat taaaaaaaaa 840
aaaaagaata taaatcacca aataaatgtt aattgctccc tacccattaa agttacactt 900
ccttacctat aaagacaacc tccccctcca catactcacg gaaaagtct 949

<210> 2612
<211> 293
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(293)
<223> n = A,T,C or G

<400> 2612
aattccgttg ctgtcgctgc tatcgaactc atcatcctta tggaggtctt caggggcccc 60
agagacactg cagagagtgt cagggatttc cttccccaca acagaattgc tgagggtctg 120
ggaagcatgg agggaggaag cagaattgcg ggaccactgg cgcantgnnn ggatcangag 180
ctatacttct tccngaactg atcnntgntn cctgcatntt ntgcacnagg nnnnaggatn 240
ancttntaat anannctgnt gtnnntcctn agnnantnnn gtnngttcta agg 293

<210> 2613
<211> 534
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(534)
<223> n = A,T,C or G

<400> 2613
aattcgttgc tgtcggaagt tattgctttc caggggtcac tctggcttcg actccgtcgc 60
tctcaattcg tcaccrggag gaagacggag ctggctgccc agcccaaagg cccatgaggg 120
gatgcagtta tgggctctgt cgccgtggat tgttattttg tgtcagtaag taatccataw 180
wgtgccaaca tgggaaagaa acggwcaawg ggaaaaactg ttccaatcga wgattcctyt 240
gaarctttar aacctktgtg yakacacatt agaaaaggat tggaacaagg taatttgaaa 300
aaggctttag tgaatgtgga atggaatatc tgccaagact gtaagactga caataaagtg 360
aaagataaag ctgaagaaga aacagaagaa aagccttcag tttggctgtg tcttaaatgt 420
ggccatcagg gctgtggcag aaattctcag gagcagcatg ncttgaagca ctatctgacg 480

ccaagatctg aacctcactg tctggttctt agtttggaca actggagtgt atgg 534

<210> 2614
<211> 454
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(454)
<223> n = A,T,C or G

<400> 2614
aattccgttg ctgtcgggac atgaaggcct gccaggagga cgatgtgcgg ctcctgtgcc 60
acctcacgcc ctccatctac acagagtttc cagatgaaac cttgaggagc ggagagctgc 120
tgaacatgat cgtggctgtt attgactctg cacagctcca ggagctggtc tgccacgtga 180
tgatgggtaa cctggttatg tttcgaaaag actcagttct caacatactc attcagagcc 240
tagactggga gacctttgag cagtattgtg cctggcagct ctttctggcc cacaatattc 300
ccctggagac cataatcccc atcctgcagc acctcaaatt acaaggagca cccagaggcc 360
ctgttcctgg cctactggct tncaacttcc ggaaggagga aaaagnccca ggcgagggga 420
gatgggtgga aggtgngtag ctgaaggccg ggcc 454

<210> 2615
<211> 592
<212> DNA
<213> Homo sapiens

<400> 2615
atttttagtt tttcgagtac accgtcccag aaagaaatac gctataacac ccaccagcct 60
gagggctgca ttgctgtgga agcaggaatg gataccctta tcatgcatct ctgcgaagaw 120
wctgatsmcy wgmswrtcak wmkktyatct tgywgkagga tggatcttta tttcacgaac 180
agtccaagaa atgtgtccag gctgcgagga aggagtcgag tgacagtttc gttccactct 240
tacgagactg caccaactcg gatcatcaga aatggttctt caaagagcgc atgttatgaa 300
gcctcgtgta tcaaggagcc catcgaagga gactgtggag ccaggactct gcccaacaaa 360
gacttagcta agcagtgacc agaacccacc aaaaactagg ctgcattgct ttgaagaggc 420
aatcattttg ccatttgtga aagttgtgtt ggatttagta aaaatgtgaa taagctttgt 480
acttattttg agaacttttt aaatgttcca aaatacccta ttttcaaagg gtaatcgtaa 540
gatgttaacc cttggtattt agaaaattaa aaccttataa tatttttcta tc 592

<210> 2616
<211> 682
<212> DNA
<213> Homo sapiens

<400> 2616
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taagtgtggc ttctagagtg tttgtgtgta ccccgcttct gactgcctag ggcgagtggg 120
catcctgtca tcatctccac tgtcccaagc agtcactagg tggcggccgg gccagctgga 180
acccagccca tcctctcagg cagagcaggg tggtccgggc acactgggcc tgcctctcca 240
gcctcaggat gctcttgttt attctgggct cagaccctcc tcttgtacgt ctcatcacag 300
ctggtagaga cccaggagtg cctgattktc ccacaggggt ggcgcacagc tctgggacca 360
ctcagaagat gggatgtgtg ggtggaggat gccttgtctc ggtcagctca ttcctgcctc 420
cttcctgagc cagttcaggg cctgggggag agccagcttg gggtaggaag ttaataatac 480
tgttaatttg ggttgttgtt ggatttactt tgctagattt tctcttccac cacgtgtgaa 540
ctgtgggtga ggtttcaaag tagcttcacc ccacgtggct tggttcccag ggacagtcag 600
gcctcggggg cccagctatg tacaacgaag ctgtcgaagg agaagacaat aaagtcgtcc 660
gcagctgctc tgtgtgtttc tc 682

<210> 2617
<211> 581
<212> DNA
<213> Homo sapiens

<400> 2617
aattccgttg ctgtcggaaa gttcgacaca gcaaactggc tgagtctgtg gaaaaggcca 60
ttgaagagaa aaaatacctt gctggggcag acccttctac tgtggaaatg tgttaccctc 120
ctatcattca gagtggtggc aactataatc tcaagttcag tgtggtgagt gacaagaatc 180
atatgcactt tggggctats acttgtgcca tgggtattcg cttcaagtct tactgctcca 240
accttgytcg cactttgatg gttgatcctt ctcaagaagt tcaagaawat tataactttt 300
tgctccagct tcaagaggag ctgctgaagg aattaagaca tggtgtgaag atatgtgacg 360
tgtataacgc tgtcatggac gtggttaaaa agcagaagcc agaactgctg aacaaaatta 420
ccaaaaacct agggtttggg atgggaattg aattcccgtg aaggctccct agtaatcaat 480
agcaaaaatc aatacaaact tgaagaaagg aatggttttc agcatcaatt taggattctc 540
cagacctgac taacaaggag gggaaaaagc cagaagagaa a 581

<210> 2618
<211> 594
<212> DNA
<213> Homo sapiens

<400> 2618
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gacagcctca actcggccat ggcggcaagc atcctgcttt tcgaagggaa aagacagctg 120
cggsggaggt ctgggaastt gagcagggac aggagttacc actgaggacg cagaagtgac 180
ttctgcttga ggacgtctgc agctcctcct acaccagcac actggtggga ggctggcgga 240
gtcagtgact atggccccca cgttcaggag gaaggtgtga tgccgtcata cagttacagg 300
aaaaataaga acttcctcag aaagaacagg tccgaattct tcctgtcgcg tcactgattt 360
tgaggttctt ttttctcttg gtgacaatag gtgacccacg tggctctgtg tgtttttaaa 420
aattgtccac caagaagcac tttgtscyca gaaagttcct gaagcatcat cctggcaggg 480
aggcgcctgc tccaccagct ggtgggtgtt tgtaatcgcc aagcaccagc tataggtcac 540
agccacatca ctcacagctg atcactggtt ggtggaaaat aaactatgag cagc 594

<210> 2619
<211> 859
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(859)
<223> n = A,T,C or G

<400> 2619
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gaaaggttgg aatgttaaat ggaggccgcc gaattgacta cgttctccaa gaaaaaccaa 120
tagagagttt taatgaatac cttttcgctc ttcagagtca cttatgctat tgggaatctg 180
aagatactgc tctgttacta cttaaagaaa tttatcgaac aatgaacatt agtccagaac 240
agccccagca ttgatcaaac ttcagtttta ctgtactttc ttgtctgcac agaaagtccc 300
agtacaactt ccattgctga gaaaatcctc agaggacttt cccacttcgc tcctgtgatg 360
gatgacagaa gagtgattca ttaacaattg ctcagccaca attctcggat atagggattc 420
aaaagacagg ayacagaact aacacagtga aaaaaatcag taccacattt ggacagtata 480
ggtgagaaaa cataattata aaaatgatgc catgaaaaat tccacagatc agtttagttg 540
tatagttgtc aaagttatat gtgatatcaa tgaagaaata tttgtagcat gtaaacggtt 600
atttctgttt cttaaaaagt attgttartg ggctattaaa cttggatttt tctttttatt 660
aatgcagtat gtnctttta tycaagtatg acttgttgag aactatagta atatgatttt 720
taagagattt atgttcnctt aaaatgtgaa ttgtacttct gagctgctta atcaggycat 780

ttatatttgt taagaggaat accagatcac tcatatccca ctgaatctga ggtttataat 840
cccnccaacg atgctggng 859

<210> 2620
<211> 988
<212> DNA
<213> Homo sapiens

<400> 2620
aggcgcggtg ccccagagtg gggtgcctgc actctcagct tccacaccct caccctaccc 60
ctacatcgga caccccaag yatgtmggsw sgssrgaagc cacagtcgcc gccgccaggg 120
scttgctcct ggctctgtcc tttgcttccc tccgtcctcg ctcagttgtg atccagcagc 180
ccccctcccc actgcctccc cagctctcag tgaccccgac tgtctcctga cttagccgag 240
gtaaggtcag yscmgcagac agggccagay tgrggwgtgs sgskcykwsc yrgrcacats 300
msysasgscy ctggcttact gggaaacagc gattgacctg tgcttctgac agcccccgag 360
acaccttgag gaggccgctc cttcccagac acacccccac gcccccactg gacggcattg 420
gaggaaggga cagctgcttg ggttctaatg ctcctgctct cttctctttt cccctccaac 480
cagttcaatc tcatccctcc cagcagctcc ccttccaccc cccggggaac tgaagattgt 540
cctggccgcg acctgagacc tccatgagtg gagggaagag tgatctatgt ctcttccccc 600
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ctgccaagca ccttgaatgg gaggggcctc acagagggca gggccagggt ccagcagggg 720
tgggggttc ctgctctgcc cctgcccgtc cccacccagt cttgccctcc catcctctca 780
tctattcccc cgctggagac ggaagatctt ttatttttcta ttatttataa cttcagactt 840
gggccccctg ttctttcttt cccattaact tgagtgacct gtgtgagaga cagacagatg 900
ccccacgagg atggctggac aaggactttt acttttttatt acataaaaat attaaaaaat 960
aaataaaaaa aataaaattt taaactaa 988

<210> 2621
<211> 854
<212> DNA
<213> Homo sapiens

<400> 2621
gccccaagga gtgctagctg agggtggttg ctggggtggt cctcatggac agtgaggtgt 60
gcaagggtgc actgagggtg gtgggagggg atcacctggg ttccaggcca tccttgctga 120
gcatctttga gcctgccttc cggtgggagc agaaaaggcc agaccctgct gagttaarag 180
gctgctggga tccactgttt ccacacagcg ggaaggctgc tgggaacagg tggcagagaa 240
gtgccatgtt tgcgttgagc cttgcagctc ttccagctgg ggactggtgc ttgctgaaac 300
ccaggagctg aacagtgagg aggctgtcca ccttgcttgg ctcactggga ccaggaaagc 360
ctgtctttgg ttaggctcgt gtacttctgc aggaaaaaaa aaaaggatgt gtcattggtc 420
atgatatttg aaaaggggag gaggcccaag tttttccccct ttatccagtg attgggaaat 480
tatttgaccc ccttggctga attcttttgc agaactactg tgtgtctgtt cactaccttt 540
tcaggtttat tgtttttatt tttgcatgaa ttaagacgtt ttaatttctt tgcagacaag 600
gtctagatgc ggagtcagag atgggactga atggggaggg atcctttgtg ttctcatggt 660
tggctctgac tttcagctgt gttgggacca ctggctgatc acatcacctc tctgcctcag 720
tttccccatc tgtaaaatgg gagaataata cttgcctacc tacctcacag gggtgttgtg 780
aggattcatt tgtgattttt ttttttttt ttgtacagag cttttaagca ttaaaaacag 840
ctaaatgtga aaaa 854

<210> 2622
<211> 637
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

<400> 2622
ctacggtttc ccgtcaccaa ttttccttgg aattggacag atggcagcca ccataatgat 60
actatatgtg tccaagctaa acaaaatcat tcacttccct gattttgata agaaaattcc 120
tgtaaagctg tttcctctgc ctctcctcta cgttggaaac cacataagtg gattatcaag 180
cacaagtaaa ttaagcctac cgatgttcac cgtgctcagg aaattcacca ttccacttac 240
cttacttctg gaaaccatca tacttgggtg awkywgkwtt ymctcaacat ymtyctcagt 300
gtstttgcca ttattctcgg ggctttcata gcagctgggt ctgaccttgc ttttaactta 360
gaaggctata tttttgtatt cctgaatgat atcttcacag cagcaaatgg gagtttatac 420
caaacagaaa atgggaccca aaggaggcta ggggaaatac gggagtaact tttttctwac 480
aatggcctgg ctttcatgga ttattcccca acttctttat ttatttaggt ggttcttccc 540
actggtaggg acctggccaa ccagggctta cngggaattt ccaacccatg ggggtgggat 600
tgttggtggt tttnattccn caacagtttt cttnctt 637

<210> 2623
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2623
gctgcatctg caatgaggat gccaccctac gctgcgctgg ctgcgatggg gacctcttct 60
gtgcccgctg cttccggtgg gtgcaggtgg aatgttctgt gcgagagctc aagggctgcc 120
tggatccctg acttgtatcc ctttgttcca cagagagggc catgatgcct ttgagcttaa 180
agagcaccag acatctgcct actctcctcc acgtgcaggc caagagcact gaagacaccc 240
tggtcctccc ggaagggcag tcccacaggc agcggcaccc atttctgggc cccgccacag 300

<210> 2624
<211> 923
<212> DNA
<213> Homo sapiens

<400> 2624
gaaagaactc cctggctgta gctcctatgt aggttwaggt tgagacyctg gattccacca 60
atttttaaag gttaccatct gaggtttckr atcatagtct acttttgaag cagctgctgc 120
trtttcttta ttccattgaa caccctggaa ttgacataat tttatctatc agcatttctc 180
ccctttttagt ttatttaata attaacccgg tctccagggc agttttcata tgaccatgtg 240
tatattcact gctcacgaaw aagtttaatg ttagattacc aaatttaata tagttacaga 300
attactgcat aagggcttcc cttcttggag actcttaccc agcatgggaa cagtgatctg 360
cccacatgac agggtggtat gccaggcata gttaactgct tttggttgtg aggtactcat 420
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tttcatttca cttaaaaaaa ttatatcagt tattaggctg ggtgcagtgg ctcatgcctg 660
taatcccagc actttgggag gccaaggcgg gtggattacc agagttcggg agtttgagac 720
cagcttgacc aacatggaga aaccccgtct ctactaaaaa tacaaaatta gccaggtgtg 780
gtggcgcatg cctgtaatcc tggctactca ggaggctgag gcaggagaat cgcttgaaaa 840
cccaggagac agaggttgcg gtgagctgag attgcgccat tgtactccag cctgggcaag 900
aagagcgaaa ctctgtctcc aaa 923

<210> 2625
<211> 1125
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1125)
<223> n = A,T,C or G

<400> 2625

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ggaaaagctg ttttttctggc aagagataaa catcacctct ctgacatctg ccatctgatc 180
cgccacgatg tgccctacct gttccagaag tacgtgaagg agtcccatgg aaaggacatc 240
cgggtggtgg tggtaggggg ccaggtcata ggctctatgc ttcgctgctc cactgatgga 300
cggatgcaga naacatgctc gtctcggtgg cgtgggcgtc aagtgtccgc tgacagaaca 360
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aagggagaag aacgagccgg atggctgtgc ttcagctcag ggagttgcag agagcgtcta 660
taccatcaac agtgggtcta cctctagcga aagtgagcct gaactgggag agatccggga 720
ttcctcagca agcacaatgg gggccccacc ctccatgctg cccgaacctg gctacaacat 780
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ttaagcaaat ggcctagctt tgtggttttt acaaagacaa atataaaaac actcacaagn 1020
acaacgtccc gactgancaa tatgagactg atgtctgctg tgagcacgtg gatattacgg 1080
crgacgctaa ggcactgnct ctgctgttgc ttctgacttt tagca 1125

<210> 2626
<211> 620
<212> DNA
<213> Homo sapiens

<400> 2626

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aatcctgcag aatgtaagta agctctgctt tataagatgg gttcaccttc atcgcagact 120
gaaagtttca gtttttattt ttttcagaaa gcacgaaaaa ttatttataa tagtctggag 180
aaaaaaacac actgtaatat ttcaagtgta tgccagtaga atgtactgta actgagccct 240
ttcccacatg tctaggctcc aatgtctcct gtaggtccac ctaactgtgt gttttcaggg 300
acaatgccat ccatgtttgt gctgtagact tgctgctgct gaatcctttc tggggacttt 360
ctcatcgggc agggagcaga gggcttctcg ttcatgcacc ctttgcctga acacccatgt 420
agctgctgtg ttgtgtatat attactctta agaggagtgt gtgtgtctgt gtttgtttta 480
aaagtcactt atttcttaca gtgatttcaa ttgcaccatg acttcttcac taaaaccaca 540
aagtcctgct taaaactatg gaaaacctaa cctgattaga gccttgacta ttttgaagat 600
taaatgcaca ctttttatat 620

<210> 2627
<211> 573
<212> DNA
<213> Homo sapiens

<400> 2627

gtttatgggt ttacattgtc atgtctccac aggacaatgc acatggtatg tttgtcagaa 60
cccagttgga gttttgtttc ccagcatcca aaggaaatcc ctaactttca ttttttcttc 120
ccgtaagcca gccccgaaca cttaccttat aagcccatct ctacctgaat tagcaatcat 180
ggataagctc aataactgat catttcctta tccagtttaa accatatata ttttaacact 240
gtctcttttt cacacacact agttagctaa gaatgagctg gggggctggg cgtggtagtt 300
cacgcctgta atcccagcac tttgggaggc ggaggtgggc ggatcacttg aggtcaggag 360
tttgagacca gcctrgctaa crtggtgaaa ccccgtctct actraaaatg caaaaattag 420
ctgggtgtgg tggcaggcat ctgtaatcct agctactcrg gaggctgagg crggagartc 480
ccttgaaccc gggaggcaga ggttgcagtg ggccaagatc acaccactgc actccagtct 540
gggtgaraaa acgagattcc gtctcaaaaa aaa 573

<210> 2628
<211> 539

<212> DNA
<213> Homo sapiens

<400> 2628
cttctgtaga tactgaagaa acaattgaac cttatacaac tgaaaagatg agtcgagttc 60
ctggaggata tttggctttg acagagtgct ttgaaattat gacagkaraw wkcwrcaaym 120
tycaggtgtt tactacaatc tggaggcaag atctttcctc agtatgtgct gatgtttggg 180
ttgcttgtgg aatcacagac actcctagag gagaatgctg ttcaaggaac agaacgtact 240
cttggattaa atatagcacc ttttattaac cagtttcagg tacctatacc gtgtattttt 300
ggacctatcc tcattgccct gtatacctttt aagcaagcca gtggaactct taagactaga 360
tttaatgact ccgtatttga acacctctaa cagagaagta aaggtatacg tttgtaaatc 420
tgggargact tgacttgcta tttccatttt gggkatcata tggtaccctt gaaggaggtt 480
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<210> 2629
<211> 672
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(672)
<223> n = A,T,C or G

<400> 2629
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aattactgct caaatgttag ctgtcgtatt aatattgksa ckttttgcacr ckkatgtaca 120
tttsctgttk atsyakgctc attctttaag cattctccat gcttaaacca gttccataat 180
ccctaggcct gtactccagg gattgagact gaaaggatca tttatgccat gtttctctaa 240
aagcatcatt gctggaagac ttttgataag tctgatgtgt ctcaagctat tctcargcct 300
tttttgtaga gtttagaaat gaagtatttg aatcaattta gtatctcctt tactatgttt 360
ctccttttaa tctcagccaa cccccwacct gcaggtaaac ccagcattca ttaagagctg 420
ggttggggta ctctattctg tatgcatcat aatagcttaa cattatttag tagctgtaac 480
ttacaggttt aatgctagat gaggatgtct caagccgtga gtgtgcttgt gtaaaaatgg 540
tggcaacatc atctcgttgg taggaatttt ttacttgaat tgttattttg ggaaaatgtt 600
aacagatttc ttggataaag aaaatnaatt ggatgatgta tattttatgt ttccttttag 660
cctctcttaa aa 672

<210> 2630
<211> 424
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 2630
tgtaggcaca agattttctt gctagcggaa tgtgaaccaa aaagtgtaga ggccaatcag 60
taaaaatatt caaagccagt tttgttgttt tcagcagtta gtaactatca gtagatgaat 120
atttactagg aaacattggt cttttaacca ctttgggcat gcttcttatt tagtatgttc 180
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gactagtaag catgttaagt ttgtaagctt tgttgatttc caccacaaac ccataggacc 300
tcaggttant ctcataattg aggaaactga gattcccagt gttgaatgaa agccacacag 360
tatcacatgg ccaatatcat gtgattgcag agtcaggact caaacccagc tcttaaccnc 420
cacg 424

<210> 2631
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2631
aataccttta aatccctggg cagcaccgca gggacagata ttaccgtcaa cagtgtgatt 60
ctacttccta aaaaccctga gcactttgtg gtgtgcaaca gatcaaacac ggtggtcatc 120
atgaacatgc aggggcagat tgtcagaagc ttcagttctg gtaaaagaga aggtggggac 180
tttgtttgct gtgccctctc tccccgtggt gaatggatct actgtgtagg ggaggacttt 240
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<210> 2632
<211> 908
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(908)
<223> n = A,T,C or G

<400> 2632
cttaggactg ggtcttgggg aggattagcg cctagatgtc tgattttgga gctgcagcat 60
gccaggccgt ggctgagagt atgtgagcca tgccttgccc ttttctgagg ctcagggaag 120
tggatggagc tagagagaca acaggaaaga cggtgctgaa gaacatagtg tctttcctct 180
attgtggacc taaagaggtg gggaagcaag gacaagaggc aaagagccac actgcccttg 240
gcatcatcca aagcattgtc tggttgacac caggtcctgg ttttgtgtct tttgtcaata 300
cctgaatcct tgacaaaaga aaaagtggtt ttgatgattt aaagaaataa gggtgatttt 360
racagaaaat atattttaaa aattttracc amttgcaata gttatcctca agccaatttc 420
cagaacctgc caccaggggg aggtggtgca gcatgaatca ttctgaatgc tttgtctttg 480
aagtgttccc ctattgctgt taccatctca gaggaagtaa ctgggcatgg tgagactcct 540
aaaatgaymg gagtttttt ggccaaagct ggcatctgac ttgccacatt cctctgagtc 600
tggagtagcc gcagggtggg agaatgccag cccagagtca gtccatcggg gttacatttc 660
caaggtctgc tgccttcatc tatgtaatgg ccgtgttact ttcagatctt tcagcttccc 720
agagtgttgt gggaatcttg gtcattgaat gtaaagggac ttagtaaagg gtatagatat 780
ttttcaaaaa tgaaaataac ttttgttctt ataagtgata agctnttata aagatcanag 840
gaaaactnga aaaaatgtaa aatgtaggac aatttgtana acaaacttgc attngagatg 900
tttttgat 908

<210> 2633
<211> 476
<212> DNA
<213> Homo sapiens

<400> 2633
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tgagctcctt ccaactcctc agaacctcca ctctatggat ctggacctct ggattcggct 120
ttctccctgg gcactgcctt caggaagacg ttgagaattg accttacaca atcccagcgc 180
cctcctcaca ggagcctttc actttacagt ggcaaggggc tggttctgga gaactggctg 240
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atgttgctac aggtccctgg agatgcaatc agattaagcg tagaaagcat tgccaattgg 360
gaaagtcaaa ataatttatt ttttttccct ttcccctacc ccatccccag ccaagatttc 420
tttcaagata tcgcatcatt cttaacaaca ttcttacccc cactgggtcc ccattt 476

<210> 2634
<211> 1648
<212> DNA

<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1648)
<223> n = A,T,C or G

<400> 2634
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tgaggcacgg atccctgggc cacagagcaa gtctccaaat cagacagctg cctcagcccc 120
tgggatgtgt gatttcagct cctgtcacct catgcaaggg cgtggagacc agtagaggtg 180
tggaggccag gcagagagag gagccygctc tgmgggrkgc ccagctcatg ggcactgycc 240
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tgatccccaa agccacagca ggggactgat ggctatagca gaatgaggtc gggtcaggac 360
cctcaaacac catctgggaa caccaagcac cctgaatcga gactgcagga gccctgcggg 420
gtgagactgt gtcagagata cactgctggc cacaagtgtc ccctctcagt cccacctttt 480
cgggctgtcc catgtctatc tcaggggccc gttacctctc tgcagcagtc ccccatccca 540
gccacaccag ggtctgtccg gccaaccctc ttccccaggg aaaggagaaa agagaaaaca 600
ggctgggccc ggtggctcac tcctgtaatc ccagcacttt gggaggttga ggtgggcgga 660
tcacctgagg tcaggagttt gagaccagcc tggccaacgt ggtgaaaccc catctctact 720
aaaaaaaatt acaaaaatta gccgggagtg gtggtgggca cctgtaatcc cagttactcg 780
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agcagactca tgggcgccac caagtggaag cacctggagc ggcctctgcc atccagtgga 1440
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ctcagcagcc caggcctcct ggcccagccc tgcctgggac agtgctytyc cctcacccgg 1560
gaagntngga atyctcctgc ccgagaggaa ggcagacggc acagggacaa ccytgccact 1620
tgggattttg gcttncaagt tggttttt 1648

<210> 2635
<211> 956
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(956)
<223> n = A,T,C or G

<400> 2635
agaatacaag ccaaaacatg gcttcaaaag gtcagctgca tcttcactgg attacagaat 60
tcttgctgac tctcagaaga aattgttgga gagaatagtc atacckrcwy kagmwrgaga 120
ataaatwgcc tttcctaaat tcctctgctt cgctcctttc ctggcgttgc tctggaacct 180
tgttggtgtc tgtgacccaa tgactgttag ggtcagctag cttcaattgc ccctgcactg 240
gaagcaaggt ttgtcagtaa caccaattaa aatactacca gtgtaagtag aaggtgtgtt 300
ttgcagatga gaaggtgcta agatgcctig cttatgttct ctgtgttgct gtaataccat 360
gaggggtatg ttgtggcaaa cctggccttt ragatcaaga cgaaccccac ctgccctgag 420
aagccgtctg ctaccaccac agcctacccg aattggkcct gtcccctaaa cccctcacac 480
tgagaactgc ttgtgtggga gagagctggt tgggttgatc ttttccgagt gtgacttacc 540
tccttcaagg ggatgtttaa gcttctcggg cagaagtggt gtgtctattc ctgacaccaa 600

acaccgtggt atatgtggtt gtcacactca gctagtgatg ataaaggtgt tcttaaatat 660
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gaggaatagc agagcaaatt ttatttggaa cttaaaccaa tagttataac caatagtttc 780
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caaagtgatt ccatctgcag aggtaaattc tttgtttaaa aaagtactgt ttttcttatc 900
ttttctggnt ctcctaggta tcagaacaag gtttattagg aatccttaaa aaagta 956

<210> 2636
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2636
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caacctcccg agtagctggg actacagttg aaaaagatca tctagcaaag ccttttttccc 120
agctacatat aaggaatttg aaagtcacat aaaatggtta agaaaatgtg ccaagattac 180
ctcagtaatt ctggtctgtg ttctcaggag accctggaaa taaacaatgt gtcttctgtg 240
gcttcagcgt cacctagtgc aggctgccat tcaacaaacg cattgtcaac agtcaaccaa 300

<210> 2637
<211> 903
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(903)
<223> n = A,T,C or G

<400> 2637
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gatttttttt tcaaaaagtg ctttatccct acaatgtact gacagttctt acagttgaga 120
tttgttcttt tcagctattg cttgtgaaaa aaagcaagac tatgtcactc tatagaaggc 180
tgttaaagtg actcaggcag gaattaatta ttctgtacct aaggggttac ttgtttaatg 240
ggatggcatt gacttttttga aaatcaagtg gactgagtca ttgataaaac atttctaaga 300
gtggggctag agaacatact ttacatctga catcctttgg cctaacaaca tctattatta 360
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ggwtcctgag ctcaggaggt caaggctgca gtgagccgag attgttgcca ctgcaytgca 780
gctkggggtg acagttgcaa gaccctgttt tcaaacccaa acccaaaccc acacacacac 840
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ggg 903

<210> 2638
<211> 524
<212> DNA
<213> Homo sapiens

<400> 2638
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aattgcggta gtgaccctcg ggcctcgcma tgaagagccg ctttagcacc attgacctcc 120
gcgccgtact cgcggagctg aatgctagct tgctaggaat gagagtaaac aatgtttatg 180
atgtggataa taagacatac cttattccgt cttcaaaaac cggactttaa agctacactt 240
ttacttgaat ctggcatacg aattcataca acagaatttg agtggcctaa gaatatgatg 300

ccgtctagtt ttgccatgaa gtgccgaaaa catttgaaga gtcggagatt agtcagtgca 360
aaacagcttg gtgtggatag aattgtagat tttcaatttg gaagtgatga agctgcttac 420
catttaatca ttgagctcta tgataggggg aacattgttc ttacagatta tgagtacgta 480
attttaaata ttctaaggtt tcgaactgat gaggcagatg atgt 524

<210> 2639
<211> 1081
<212> DNA
<213> Homo sapiens

<400> 2639
caagcgcaga cggaaccgcg atggtggcac ctttattagt gatgcagacg acgtcgtgag 60
tgccatgatc gtcaagatga atgaagctgc tgaggaagac agacagttga acaatcaaaa 120
aaagccagca ctgaaaaaat taactttact gcctgctgta gttatgcacc ttaagaagca 180
ggaccttaaa gaaacattca ttgacagtgg tgtgatgtct gccatcaaag aatggctctc 240
acctctacca gataggagtt tgcctgcact caagatccgg gaggagctgc tgaagatcct 300
gcaagagctg cctagtgtga gccaggagac cctgaagcat agtgggattg gacgagcagt 360
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aatcaatgag tggtctaggc ctatatttgg tcttacctca aactacaaag gaatgacaag 480
agaagaaaqg gagcagagag atctagaaca gatgcctcaa cgacgaagaa tgaacagcac 540
tggtggtcag acacccagaa gagacctgga aaaggtgctg acaggagagg agaaggctct 600
tagacctgga gatcctggat tctgtgcccg tgcaagggtc ccaatgcctt caaacaagga 660
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caagaagggt atcagtcgac tggataaaca gatgagaaag ttcacagata taaggaaaaa 780
aagcagatct gcacacgcag tgaaaatcag cattgagggc aacaaaatgc cattgtgacc 840
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gaagatattt taaaacattt ttagtgtgtc tgtaaatggt tcagcgtgta tcagatgttg 960
tcataggact cacatttctc tcagttatat ttaaaaccgt tgtgtacttt gtacaaagga 1020
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a 1081

<210> 2640
<211> 1516
<212> DNA
<213> Homo sapiens

<400> 2640
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cctccgagcc tgctgcactc crcrtcyysm ywscarskct yswssycyya kgkrrrtstc 120
ygamywgryc ygtcycwgsa gccagatcca ggctcctgga agaaccatgt ccggcagcta 180
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tgttgggaag aggaatgcca gagctgccgg ctgaaaatta cccaaccaag agaaatctgc 300
aggatggact ttctggtcct cttcttgttc tacctggctt cggtgctgat gggtcttgtt 360
cttatctgcg tctgctcgaa aacccatagc ttgaaaggcc tggcagggga ggagcacaga 420
tattttcctg tataattcca gaatgtcttc agagagccgt gcatggattg cttcattacc 480
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gaaccaatcc tggcattata acaaaagcaa atgaattatt atttcttcat gtttatgaat 720
ttgatgaagt gatgtttcca aagaacgtga ggtgctctac ttgtgattta aggaaaccag 780
ctcgatccaa gcactgcagt gtgtgtaact ggtgtgtgca ccgtttcgac catcactgtg 840
tttgggtgaa caactgcatc ggggcctgga acatcaggta cttcctcatc tacgtcttga 900
ccttgacggc ctcggctgcc accgtcgcca ttgtgagcac cacttttctg gtccacttgg 960
tggtgatgtc agatttatac caggagactt acatcgatga ccttggacac ctccatgtta 1020
tggacacggt ctttcttatt cagtacctgt tcctgacttt tccacggatt gtcttcatgc 1080
tgggctttgt cgtggttctg agcttcctcc tgggtggcta cctgttgttt gtcctgtatc 1140
tggcggccac caaccagact actaacgagt ggtacagagg tgactgggcc tggtgccagc 1200
gttgtccccc tgtggcctgg cctccgtcag cagagcccca agtccaccgg aacattcact 1260

cccatgggct tcggagcaac cttcaagaga tctttctacc tgcctttcca tgtcatgaga 1320
ggaagaaaca agaatgacaa gtgtatgact gcctttgagc tgtagttccc gtttatttac 1380
acatgtggat cctcgttttc caagcatggc ttgtttgttt tgatttctgc tgtgcttata 1440
aatcactttc ggtgggcaag ggagagaggg gaaaatgggt gttgactgag gaatcccccc 1500
tgcttgtctt cttttg 1516

<210> 2641
<211> 888
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(888)
<223> n = A,T,C or G

<400> 2641
aattccgttg ctgtcggcag ctggatggac actatagcaa acatcaatca agagctcatt 60
aaatatgaat tcttmyyygr mrcmrstcga agtgaagaag acttaaagaa ataccccaag 120
taccctgggg grrgagaaat ctatacttta gaaggtgttg tggatggagc tccatattcc 180
atgatttctg acttcccttg gctgaggtca ttacgagctg cagagcccaa cagcttcgct 240
cgatacgact ttgaagacga tgaagaaagc actatctatg ctcctagaag gaaaggacag 300
ctgtctgcag acatctgtat ggaaacaata ggagaggaaa tttcagagat gcgtcagatg 360
aagaagggtg tatttcagcg agtagtggca atttttatcc actattgtga tgtcaatgga 420
gagccagttg aagatgacta catttaattg gtccctcctc ctttccagct attttgtcag 480
aaagcaagta gggccatcca gctgccagag tgctccacag ggacttgagg catgcagttg 540
ggaggtcctg gctcggtttg ctatataggg aatatataag gaacatcgaa attgtataca 600
aagatttgta cataaaaaat atacaaagac gcttcctaaa gtaccaactt tatatcatat 660
gtttatacaa tttaatttaa aaattcattt taaggaagac agataatttg aaagactttt 720
gtttttcttg acttaattca tgaagtatca ttttttgact gagtctccat ttacttcatt 780
cttaatgatt attgtcatcc ctttaaatct gtgccttttt cttcttgagc gaagctgttt 840
gagtaaacct gttgaagagt ggtttggngg ccntttggn gccttttt 888

<210> 2642
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2642
gccatttctt ctggccttta caaaaaggca ttttgttata ctacagtgta aacctcattt 60
ttttcactcc aaaaggtagc agcccctctt cttcccaccc tggacctgcc tttcactccc 120
tgggcacaga gcgcatggta ccattgatgt ttggtttatt ccaggatcca aggagctggt 180
tctgctggtt ggaccaaacc tcgtgagcca gccacccctg acccaaatga ggagagctct 240
gattctccca tccgggagca gtgatgtcaa acttctgctg ctggggaaat ctcatcagca 300

<210> 2643
<211> 770
<212> DNA
<213> Homo sapiens

<400> 2643
ctgacttcaa ctgcaatggt cctgtcaaca cacagggatt ctacaggggc tcccctgggt 60
gcgtcatgga tgctgttctg cgccacggct gtgaggcagc cttcgtgagc ctgctggtag 120
aatttggagc caacctgaat ctagtgaagt gggaatcgct gggcccagag tcgagaggaa 180
gaagaaaagt ggaccctgag gccttgcagg tctttaaaga ggccagaagt gttcccagaa 240
ccttgctgtg tctgtgccgt gtggctgtga gaagagctct tggcaaacac cggcttcatc 300
tgattccttc gctgcctctg ccagacccca taaagaagtt tctactccat gagtagactc 360
caagtgctgc ggttgattcc agtgagggag aaagtgatct gcagggaggt ggacaccgag 420

ccctgagtgc tgtgctgctg ctggtctcct gatggctgtt gctgcagaag atgtcctcgt 480
agactgtcat tgctcctcag gtgcctgggc cgctgaacag tccttgggtc attgtcagct 540
gagaggctta tactaaagtt attattgttt ttcccaagtt ctctgttctg gattttcagt 600
tgcatattaa tgtaacgggc catggggtat gtacatgtag gggctgaggt tggaggccta 660
ctaatttcct gtagggaaga ctcccagcac ttctggaact gtgcttctct ttatttttct 720
acttctcaat ttgatggttc gattaaagcc ttctagtatc tcaatgaaaa 770

<210> 2644
<211> 603
<212> DNA
<213> Homo sapiens

<400> 2644
aattccgttg ctgtcggtac gatacttaaa accatcacaa gctgcccaag caatagaaaa 60
ctgtgatcga agttttagag caatcttggc tgaacctaaa aataaagcat ctgaatcctc 120
tgaacaagat tattatagta atatgaggca agaagctttg ggacatgaac ctagagtaaa 180
tatgtttcca tttgaacaac aatctgaatt ttcaagtttt gacaagaatg atagccgagg 240
ccaggaagca atctccaaac gcttgtcagt tgtatcaaga gttcctttca ctgaagaaca 300
gcttttcagc atttttgata tagtaccagg attggaatat tgtgaagttc aacgagatcc 360
ttattcaaat tatggtcatg gagtggttca gtattttaat gtagcatcag ctatttatgc 420
aaaatacaaa ttacatggat ttcagtaccc tcctgggaac cgaataggtg tttccttcat 480
tgatgatgga gtaatgcaac agatctcctt agaaaattgc acacagatgg tagctgcaca 540
gcttgcatca attggttgga ttacccaagt cagcacatta ttgcaatttg aggagccttg 600
gat 603

<210> 2645
<211> 685
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(685)
<223> n = A,T,C or G

<400> 2645
gtaaggcctg ccttttacac accagttgtg tgtttgttag tggctgctgg atgccagtcc 60
acaccctcaa acacctcaca gtcccaaacg gggtgctcct acaggtccca gggtcctgtt 120
agtggaagaa aggcagttcc aggaagtctt ccctctagcc ttcatgacag gaagtagttt 180
aatcctctgg gaaatagact tgcagccctg ggaagaaaag agttgttcct ccttggggac 240
atacaccatc atctgggcta tttcatccag tgtctcttct ttatacagga gctcctggct 300
caggaaggca tcccgtgcac acagcctcac gtgacggtac tccaaaggca ggaaggggat 360
gaagtagtca atcaggtttt ccttcacaag acggctgtgc caaagccatt gtctatggtc 420
tccacaatct ccgcctggag gtggggctcc aggtgttcca tcgtaatttc ttcccgggac 480
catccagcct tgagcaactt taggaccacc tcattgatta tatcgccccc gagattactg 540
agaaacagaa agatagtcca tggagactca gcccnttgtn ctcaggggcc cggcgttcta 600
agtgtggccc aaggacctcc agcagccctg ggtgcagctt ctccgcttca tcgaagatga 660
acagggtctg gtgcagagct gctgc 685

<210> 2646
<211> 583
<212> DNA
<213> Homo sapiens

<400> 2646
agtggctgag tggaggcgcc cagacctggg caggcagcag gctcaggccc acaccttgtg 60
atttttgaaa ccaaagccca gaagatgatg tttacttctc tctccctggc tctgcccttc 120
ttactgcaaa ccatgctgtg ccttagggcc cttctcatag ctgttcctca tggccatgac 180

tggaacaggg atgcaacctc tttctacaca agcacagtta gttgggtgaa gtctttttt 240
ttgtttgttt tagacggagt twcactcttg ttgcccaggc tggagtgaag tggcgtgacc 300
ttggctcact gcaacctcca ggccagcctc agcctcccta gtagctggga ctacaggcac 360
ccactaccac gcctggctaa ttctttgtat ttttagtaga gatggggttt gaccgtgtta 420
gccaggatgg tctcgatctc ctgacctcgt gatccaccca cctcggcctc ccaaagtgct 480
gggattatag gtgtgagcca ccgcgccggg ccggttgctg gcatcttaat gttctgtagg 540
tggaatattt ccaataaaca caaggtgccg taattgacaa aaa 583

<210> 2647
<211> 958
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(958)
<223> n = A,T,C or G

<400> 2647
atcgagaact cttactacaa gctncttgtt ctttttgcag gatcccatng attcgwrkys 60
sgttgctktc gccaaaatgg cgcgggtgct gaaggctgca gccgcgaatg ccgtagggct 120
tttttccaga cttcaagctc ccattccaac agtaagagct tcttccacat cacagccctt 180
ggatcaagtg acaggttctg tgtggaacct gggtckactc aaccatgtak ccatagcagt 240
gccaratttg gaawakgctg ywgcawttta taasaatatt ctgggggccc aggtaagtga 300
agcggtccct cttcctgaac atggagtatc tgttgttttt gtcaacctgg gaaataccaa 360
gatggaactg cttcatccat tgggacgtga cagtccaatt gcaggttttc tgcagaaaaa 420
caaggctgga ggaatgcatc acatctgcat cgaggtggat aatattaatg cagctgtgat 480
ggatttgaaa aaaaagaaga tccgcagtct aagtgaagag gtcaaaatag gagcacatgg 540
aaaaccagtg atttttctcc atcctaaaga ctgtggtgga gtccttgtgg aactggagca 600
agcttgattt atatttgcaa gcaactaaat taattgacct gaaaaagcct atcaaatact 660
atcaaaatgt actatgacat tgagtccttc actgcttcca tcatgtaaaa gttcacagtt 720
aaagactgaa ttacagaaag attaaaatat atacatatat aaatacataa atatgtatat 780
tatttagatt aacaaacata tttgttaatt tgaatttgaa gaaaatcttg attactaatt 840
acttagggaa cattattaaa atcatataga aataaattat tcctcttcta caatggggkg 900
naattgaatg tnatggtgtt tagcngtgga cnaggggnat gtgtgtgatg gatgggta 958

<210> 2648
<211> 1583
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1583)
<223> n = A,T,C or G

<400> 2648
ggagaagcaa ctgacgacag atgctgcccg cattgtgcag atgcagccca gaagcagatc 60
cagagcttga ataaaatgtg ttcaaacctt ctggagaaaa tcagcaaaga ggagcgagaa 120
tcagagagtg gaggtctccg gccgaacaag cagaccttta accctacaga cactaatgcc 180
ttggtggcag ctgttgcctt tgggaaagga ctatctaatt ggagaccttc aggcagcagt 240
ggtcctggcc aggcaggcmr sccaggagct gggacgatcc ttgcaggaac ctcaggatta 300
cagcagstgc agatggcagg agctmcaagc cagcagcagc caatgctcag tggggtacaa 360
atggctcagg caggtcaacc agggaaaatg ccaagtggaa taaaaaccaa catcaagtcg 420
gcttccatgc atccctacca gcggtgagtg tggctggcaa cctcgactcc ctggtgctct 480
ttgcagagtt gggcagtgaa attacctttt gctcaaggct cacctagatg ggtacaataa 540
aaagaacatg ggctttcagc agcagacaaa tcccacttcc accactgact agctgtgtga 600
ccttggacaa gtgacctaat ttttctgagc ctgtttctca tttgtaaatg gtgataatac 660

ctacctcata gggttgttgt gaggattaaa atgaggaaat gaatgtaaag cacttagtac 720
agtatatgaa ataatgggta ttcaataaat gatagtttct acagatcctt ctccccacca 780
cctccacag tccttgatcc agaacttacc ctaatctgat actgcctcac gtcaatggtg 840
agctgatgga cacaagatca aataaggcta tgcttatttt gtgctgccag aaactgtagc 900
aacctctgtg ttcttagagg cacactgttt ttgcaggccc tcctgcctgg ggtttcattc 960
tggctatccc tctaaggcgc aaggtgaaga agcttctggg ccaggaagga aaaaaaaatg 1020
cccacctgca gctctggtga agcttgggcc tgctctcctt tccatcctct aaggagccaa 1080
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acgaggcttt ctcaggnaag tggctctgcc aggcaggact atgtgggaaa gggtttttcc 1200
ttagcacacg aaaaagcccc ttcccctgga ttcatgtttc ttattttgga gggagaaggg 1260
aattgcactt cacactgcca tcagggttta gttgacctca taatggtgcc cactttctcg 1320
actttggcca ggatttcctt caaagaaaac gactttcctt catttcccta agcctgtggc 1380
ccaaatggtg gaccagaatg atggtgggag ggggcaaccc ccagtagctt tgcctgcttt 1440
tataaagttg aacaaattga atttagacat tcaggctaac ctgcctttct tagtactcct 1500
ttgttggcat gggcaggggt tgagtcagca gaagtggacc aaaggattcc tctgaataaa 1560
gttatttaaa ttgaaaaaaa aaa 1583

<210> 2649
<211> 1518
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1518)
<223> n = A,T,C or G

<400> 2649
gaaacatggg gaaaagttcg taaactcctg gttgatgcaa ttcataatca actaactgac 60
atggaaaaat gtattttgaa atatatgaaa ggaacatcta ttgtggtccc tgaaccactg 120
cacttttat taccagggaa aaaaaatctt gtaacaattt catatccttc aggaatacca 180
gatggccagc tgcaggccta taggaaggag ttacatgatc ttttcaatct gcctcacgac 240
agaccctatt tcaaaaggtc taatgcttat cactttccag atgagccata caaagatggt 300
tacattagaa atccacatac ttaccttaat ccacctaaca tggagactgg tatgatttat 360
gtggtccagg gcatatatgg ctatcatcat tatatgcagg atcgcataga tgacaatggc 420
tggggctgtg cttatcgatc tctgcagact atctgctctt ggttcaaaca tcagggatac 480
acagagaggt ccattccaac acacagagaa attcagcagg ctctagtcga tgccggggac 540
aaaccagcaa catttgtcgg atcgcggcaa tggattggat ctattgaggt gcagctggta 600
ctaaaccaat tgatcggtat aacgtcaaaa atcctgtttg tcagccaagg ttcagaaatt 660
gcctctcaag gacgggaact ggctaatcat ttccaaagtg aaggaactcc agttatgatc 720
gggggaggag ttttggccca cacaatacta ggagttgcat ggaatgagat tacagggcag 780
ataaagtttc tgattctaga tccacattat accggtgctg aagacctgca agttattttg 840
gaaaagggct ggtgcggatg gaagggccca gatttttgga acaaggatgc atactataac 900
ttatgtcttc ctcagcgacc aaatatgatt taaaatatct tggagtcaaa gactgcagta 960
gagtggtatt ataaatttgt gaataaagaa tcagtttaat ttttcacatt aaatcctggt 1020
tctagtttga ccatttaaat tatgaccttt ttcaaaggtt gtaaatactg cacggagaat 1080
gtatttttta gacgttcctt taataactta aaagacaaag catacacaac cagcatatta 1140
taggcatgta aatacatgtg ttcttaaatg gatcttcact tggaagaaag tttttcgtcc 1200
ttctcagaag gagattagac acaacatatg gtaaagccaa aagcaggagc ttatagattt 1260
gcatgaaatg aaggcgttct tcagacttct tcataaccca cgtgacatca gcacttcctt 1320
ttcccactgg tattttctac acttccgaga ctccgtttct gtctgagcac ggcaacacaa 1380
tcattcctgt cagggtgttc acttgctttt tatttggcct gcattacatt ntaaattggt 1440
tggtaaagaa aacttggggc acaagtcctn gggaaatttc accatggacc aaagcggaga 1500
ttcttcnagg ctggtttg 1518

<210> 2650
<211> 386
<212> DNA

<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 2650
gggaagtttg tcaatgacaa gagcaggaag agcgagaagg tgaaggtgat tgacgtgact 60
gtgcccctgc agtgcctggt gaaggactcg aagctcatcc tcacggaggc ctccaaggct 120
gggctgcctg gcttttatga cccgtgtgtg ggggaagaga agaacctgaa agtgctctat 180
cagttccggg gcgtcctgca tcaggtgatg gtgctggaca gtgaggccct ccggatacca 240
aagcagtccc acaggatcga tacagatgga taaactgcca agaaccagat ttttaaaagg 300
ccgcaaaaaa tcttttcctg ggagtctaca aatttggaaa tgaaaaaacc cngacatcag 360
atgtttttat tttatattat tattat 386

<210> 2651
<211> 485
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(485)
<223> n = A,T,C or G

<400> 2651
ctcagctctc accagctgtc agatgctgcc acagggcgag aacctccaag atgtgctccc 60
cagggacatc tactgccgcc tcaagcgcca cctggagtat gtcaagctca tgatgccctt 120
gtggatgacc ccagaccagc gcggcaaggg gctctacgca grcwmsmkct tcaatgctat 180
tgccggaaac tgggagcgca agaggcctgt ctgggtgatg ctcatggtca actccctgac 240
tgaagtggac attaagtccc gtggagtgcc tgtyttagac ctgttccttg cccaggaggc 300
tgagcggctg aggaaacaga ctggggcagt ggaaaaggtg gaagagcagt gccatccatt 360
gaatgggttg aacttttcac aggtcatctt tgctttgaac cagaccctcc tgcagcagga 420
aagnctgcna gcaggcagtc ttcagatccc ctacacgacg gaggatctca tcaaacacta 480
taact 485

<210> 2652
<211> 766
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(766)
<223> n = A,T,C or G

<400> 2652
aattccgttg ctgtcggaaa atattattat gttagtttta gcgtggaaat tggaggctga 60
aagcatggga ttttttacca aggrmrmrwg gttaaaggga atgacttcat tacagtgtga 120
ctgcacagaa aakttacaaa acaaatttga ctttttgcgc tcacagttga atgatatttc 180
gtcatttaag aatatctaca gatatgcctt tgattttgca agggataaag atcagagaag 240
ccttgatatt gatactgcta aatctatgtt agctcttctg cttgggagga catggccact 300
gttttcagta ttttaccagt acctggrgca atcaaagtat cgtgttatga acaaagatca 360
atggtacaat gtattagaat tcagcagaac agtccatgct gatcttagta actatgatga 420
agatggtgct tggcctgttc ttcttgatga atttgttgag tggcaaaaag tccgtcagac 480
atcatagcaa gaactatgtg aagaaaatgc aaacctttca attcccacgt gtatacaagc 540
taatgtgatg agggggaaaa aaatccaacg ggtgcatttt cattcatatg aaagacttct 600

catagtactt ttttttcctt tttttaaagg aggtttttct tgttacatgt gatgggcatt 660
gagccacacc tcttcttaga ctgaatattg aagtttttgt tttgagttat gtttataaca 720
tttatttcag amcantaawg rttncaggat tkgtgacaaa ggcaaa 766

<210> 2653
<211> 401
<212> DNA
<213> Homo sapiens

<400> 2653
gtttgagctc ttgagccagt gacttccctg cacgttcagc tttctccttt gtgaaatggt 60
aatagaagca cgctgcactt gggattcttg tggattacat gtgagggtct tagaaacact 120
tgatgtgtaa gccaactatt atgtattact gtatatggaa cacaagggat gtagccaaaa 180
ctaaatgcaa gtttgtgcct cagatgtctt cctatcagaa cagagtcaaa tccagatttt 240
gatgctkwra tgtgacagct tattcagatt tagaaaaact tttggtatgg gccaaagaaa 300
acatatcctt aaggggatat gcccctaggc cctcattttc cttttctgtc tgagcaatta 360
aaaaaaggaa aatgaggcct aggggccata tccccgtcgt a 401

<210> 2654
<211> 475
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G

<400> 2654
aattccgttg ctgtcggccg gaaccacgag gagagcagtg agaccatgaa tgacttgctg 60
gcccaggtgg ccactaacac ggacaccagc cgaaatgccg gaaatgcggt cctgtttgag 120
acagtactca ccatcatgga tatccgctct gcagctggcc tacgggttct agctgtcaac 180
attcttggtc gcttcctact caacagtgac aggaacatta ggtatgtagc cctgacatca 240
ctgcttcgac tggtgcagtc tgatcacagt gctgtgcagc ggcatcggcc cactgtggtg 300
gaatgtctac gggaaactga tgcctccctc agccggtgag cagtgataga ggggacagga 360
gggcagggca gaggttccca gtgccctgtg gccaagactc gagccagttt agagcagctg 420
gagtaagggg actaaggggg acaggtccct gggggaagca gagggcctna ggcat 475

<210> 2655
<211> 1731
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1731)
<223> n = A,T,C or G

<400> 2655
gacatttcsr mwmgmkcytt tgtgaatttc cagatatggg attttcctgg gcaaatggac 60
ttttkgacc caacctttga ctatgagatg atcttcaggg gaacaggagc attgatatac 120
gtcattgacg cacaggatga ctacatggag gctttaacaa gacttcacat tactgtttct 180
aaagcctaca aagttaaccc agacatgaat tttgaggttt ttattcacaa agttgatggt 240
ctgtctgatg atcacaaaat agaaacacag agggacattc atcaaagggc caatgatgac 300
cttgcagatg ctgggctaga aaaactccat cttagctttt atctgactag tatctatgac 360
cattcaatat ttgaagcctt tagtaaggtg gtgcagaaac tcattccaca actgccgacc 420
ttggaaaacc tattaaatat ctttatatca aattcaggta ttgaaaaagc ttttctcttt 480
gatgttgtca gcaaaatcta cattgcaaca gacagttccc ctgtggatat gcaatcttat 540

gaactttgct gtgacatgat ccgatgttgt aattgatgtg tcttgtatat atgggttaaa 600
ggaagatgga agtggaagtg cytatgacaa agaatctatg gcaattatca agctgaataa 660
tacaactgtc ctttatttaa aggaggtgac taaatttttg gcactggtct gcattctaag 720
ggaagaaagc tttgaaagaa aaggtttaat agactacaac ttccactgtt tccgaaaagc 780
tattcatgag gtttttgagg tgggtgtgac ttctcacagg agctgtggtc accagactag 840
tgcctccagt ctgaaagcgc tgacacacaa tggcacgcca cgaaacgcca tctagtctga 900
atcccagcgt cggggctctg tgccagctta ctcttcactc cagggtcgga tgccacgtgc 960
tacaggacat gggagctgct gcttgtggga atctggtgcc tgttccacta gagacaaggg 1020
gtagagtttc tcatttggat gaaaaccsct tcaactggtg gtgtacaact gaagctacta 1080
tatctttttt gaaaatggca aaaaaaaaaa aaaaaaaatt ctggagacca cagaactcaa 1140
gtgtgtgttt ctcctctttt gggtcsccct taagtagttg ggatattttg gacctggaga 1200
taacaccagt tacccatsct taccagggaa tgttgccatc aattccagtt gaaaataata 1260
gaaaagactg aatttttata tgcttcactt aggctttcat ttgagtagac tctaaaaatt 1320
ctgccttgct taagttctaa cactgcctct cagatttcag ttttggacat tgcacaacta 1380
agacctttta aacgcatttg cttgctaact cggaagacac atagtctgca gcaagacatt 1440
cctatattga agaaatgaga gaaaatttta tgctgcatca ggtggagagc aaggctcaac 1500
ggtggttgca ttagttccct cggaagtatt gaaaaaactt tgaaatggaa gaaaattttt 1560
ggcacctatg ttctgagtac cagatgtctg gggttctttc ttctgcatta ggataaatgn 1620
atcatgctca gtgntaacaa aggggaatta aaagtttttc ccacagtccc cttctagggg 1680
aggaaaancc attggtggcc actggaatgg ttagcttact ttaatcttgg n 1731

<210> 2656
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2656
aattccgttg ctgtcgcgga aatgtccgaa ggcagcagta cttgaccctg tattttggga 60
gtcgaacgga gaatggaaac tgaaagtgga aatcaggaaa aggtaatgga agaagaaagc 120
actgaaaaga aaaaagaagt tgaaaaaaag aaacggtcac gagttaaaca ggtgcttgca 180
gatattgcta agcaagtgga cttctggttt ggggatgcaa atcttcacaa ggatagattt 240
cttcgagaac agatagaaaa atctagagat ggatatgttg atatatcact acttgtgctt 300

<210> 2657
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2657
aattccgttg ctgtcgggca cgtcctcgtg tatcctgtgg aggaccctga ccccgcaccc 60
caccctcgag gccagaaatc ggttgcctct ggggacctga gaagcgagac cactcgcgcc 120
cctgacttgc aagttggggt ctttattggc ctccgggatt ctgctcgtgg cggtttctcc 180
aggctggtga tgggcaagcc gggtgtacca agtccaggat gcacatgagg agccgtttgt 240
aaccgcactg aatcacctca tgactagcgg ggcaggcctc taattcaccg caggaatttc 300

<210> 2658
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2658
aattccgttg ctgtcgcagt gagcgggtct gggcggctgc tggcagcgcc atggagacgg 60
tacagctgag gaacccgccg cgccggcagc tgaaaaagtt ggatgaagat agtttaacca 120
aacaaccaga agaagtattt gatgtcttag agaaacttgg agaaggatta ctgtagatgc 180
agtatatgga atcaggaatc ttaacttcat gtgagctatt ggagtttcct ttgctatcag 240
gatcataagg gagggtctat gcagcgtata caagctattc ttaaggagac cggccagatt 300

<210> 2659

<211> 300
<212> DNA
<213> Homo sapiens

<400> 2659
cgcgcgttcc agagctgggc gctgcagctg cactgccgat cgccgtgttt ggtcgataga 60
atccccagtg tgcccagaga gtgcgacccc tcgcccggcc cggcgagccc cgggcgtgaa 120
ccgaactgag ggaggatggc agcctctggg gtggagaaga gcagcaagaa gaagaccgag 180
aagaaacttg ctgctcggga agaagctaaa ttgttggcgg gtttcatggg cgtcatgaat 240
aacatgcgga aacagaaaac gttgtgtgac gtgatcctca tggtccagga aagaaagata 300

<210> 2660
<211> 908
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(908)
<223> n = A,T,C or G

<400> 2660
aattccgttg ctgtcgggta gaaatgggtc catttaaaca tacggttgat gatggtctgg 60
atattagaaa ggcagcattt gagtgtatgt acacacttct agacagttgt cttgatagac 120
ttgatatctt tgaatttcta aatcatgttg aagatggttt gaaggaccat tatgatatta 180
agatgctgac atttttaatg ttggtgagac tgtctaccct ttgtccaagt gcagtactgc 240
agaggttgga ccgacttgtt gagccattac gtgcaacatg tacaactaag gtaaaggcaa 300
actcagtaaa gcaggagttt gaaaaacaag atgaattaaa gcgatctgcc atgagagcag 360
tagcagcact actaaccatt ccagaagcag agaagagtcc actgatgagt gaattccagt 420
cacagatcag ttctaaccct gagctggcgg ctatctttga aagtatccag aaagattcat 480
catctactaa cttggaatca atggacacta gttagatgtt tgttcaccat ggggaccatt 540
acatatgacc atacaatgca ctgaattgac aggttaatca taagacatgg aaagagaagt 600
gtctaaaagc ttcaaaatgt tccacttttt tttccttcat ggagactgtt tgtttggctt 660
tcttccattg ttgtttttgt agcatttatt tcagaaatgt gtatttccat aatccagagg 720
ttgtaaaacc actagtgttt tagtggttac agcaacattt gaaatggaaa ctaaaagtta 780
ggattttatg gagtatggag atagggtcca gtatctattt accctgtaat gtttaggatt 840
aaaatgttaa aattttgtga ccntgaattt ctttctttta taaattttct catttaaaaa 900
tcaaaaaa 908

<210> 2661
<211> 872
<212> DNA
<213> Homo sapiens

<400> 2661
aattccgttg ctgtcgaaat ttttgaaggt cttggcccaa aagttgaact gccactgtat 60
aaccagccat cagataccaa ggtgtaccat gagaacatca agacaaacca ggtgatgagg 120
aaaaaactca ttttatttttt taaaagaaga aatcatgcaa gaaaacaaag ggaacaaaaa 180
atctgccagc gttatgatca gctcatggag gcatgggaga aaaaagtgga cagaatagaa 240
aataatcctc ggaggaaagc taaagaaagc aaaacmaggg aatactattr aaaagcagtt 300
tccagaaatt cgaaaacaaa gagaacagca agaaagattt cagcgagttg ggcagagggg 360
agctggtctt tcagccacca ttgctaggag tgagcatgag atttctgaaa ttattgatgg 420
gctctctgag caggagaata atgagaaaca aatgcggcag ctctcgtgat tccacctatg 480
atgtttgatg cagaacaaag acgagtcaag tycattamca tgaatgggct tatggaggac 540
cctatgaaag tgtataaaga taggcagttt atgaatgttt ggactgacca tgaaaaggag 600
atctttaagg acaagtttat ccagcatcca aaaaactttg gactaattgc atcatacttg 660
gagaggaaga gtgttcctga ttgtkttttg tattactatt taaccaagaa aaatgagaat 720
tataaagccc tcgtcagaag gaattatggg aaacgcagag gcagaaacca gcaaattgct 780

cgaccctcgc aagaagaaaa agtagaagaa aaagaagagg ataaagcaga aaaaacaraa 840
aaaaaagaag aagaaaagaa agatgaagag ga 872

<210> 2662
<211> 448
<212> DNA
<213> Homo sapiens

<400> 2662
cgcgctttga aaaaatgaga tcagcaaaac gcaggcaaca gacctaatac atttcaaaac 60
ttgatatttc attttgcgtt ttagctagag aagttttcct tgtgacttac taatggctgc 120
aatgccaatg attgtaagaa aacaaacaaa tttatcatga aattctcctt gtcatttat 180
amrtssmyat tttaacatca tttatggttc cagagatgca tacacttttt tctgacaaga 240
aaaagtaaaa ggtgatgagg gcaattctgt cctactgttt ttacaggcct ttttcaaatg 300
cagattttgt cataaagttg ttatagattt tttaaaatgc ttttttaata ttaaaatgta 360
cttttacatt cttaatcttt ttttagaaag gaaaagtttt cttcatttag ctgctgattt 420
aaaagtaaag ttctccaatt cttaaaaa 448

<210> 2663
<211> 498
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G

<400> 2663
aattactagt gggggagtaa ggggacaggc cattgggcat actggagcag catttactca 60
gtcattgaga aaaggatgga acattcaata aagggtgctg gacacatttg tgctctaaaa 120
attttgtgtt tcacctatta atttatccct ccccttagcc cctggcaaac actgatctgt 180
ttactgtctc catagttttg cctttcccag aatgtcacac ccttggaatc atacagcatg 240
taacctttc agattggctt cttttacgta gtaatatgca tttaggattc cttcatgcct 300
tttcctggat tgatagctca tttntttta gtcctgaata atattccatt ctatggatat 360
accacaattg atccattcac ctactgaagg tcattttgat tgcttccaag ttttgataat 420
ttaaaaaatt ttttaagaca gggtgtcatt gtgttttcca tactggtctc ctgaacacct 480
gggctgatgt gaacccct 498

<210> 2664
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 2664
aattccgttg ctgtcggagc tcgtgagtgg gcgccgccgc caccgccccc gccgccgtcg 60
tctcggtagc agccttcgcc acgccggggt cttcagctcc actggggcca tgtcagagcg 120
agaagagcgg cggtttgtgg agatccctcg ggagtctgtc cggctgctcg cagaggacgt 180
gtgctatcgt ctgagagagg ccacgcagaa tagctctcag ttcatgaagc acaccaaacg 240
ccggaagctg acggttgagg acttnnncag ggccctcaga tggagcanng agtaggctgt 300

<210> 2665
<211> 787

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(787)
<223> n = A,T,C or G

<400> 2665
gccacgtttg caaaaatgca gcaaaaaagt tacttagtct ggctgtttag tagaatttac 60
ctctactcat tcatcagcct ctttatatat atgattttaa gtcttttcat tgcactgatc 120
actgatacat acgaaacaat taagcaatac caacaagatg gcttcccaga gactgaactt 180
cgtacattta tatcagaatg caaagatcta cccaactctg gaaaatacag attagaagat 240
gaccctccag tatctttatt ctgctgttgt aaaaagtagc tatcaggttt atctgtactt 300
tagaggaaaa tataatgtgt agctgagttg gaacactgtg gatattctga gatcagatgt 360
agtatgtttg aagactgtta ttttgagcta attgagacct ataattcacc aataactgtt 420
tatattttta aaagcmatat ttaatgtctt tgcaacttta tgctgggatt gtttttaaaa 480
aaactttaar gaggaaagct attggattat tattatttct tgtttatttt gccatggctt 540
tagaatgtat tctgtatgcc tctcttttgc tcigatactg ttgctcctgc tattctgatt 600
gtgcagactg tataattagt ggaaaacaat ccttggtctg actgtgactt tggacactca 660
gtnaccctgg cttggaccac tctcaggagn catncttgag agagtgggtg tagttacatt 720
tntcagtaac atgnatttaa antcccttga naggaagaat agagtnacag aatagacnca 780
cagaatn 787

<210> 2666
<211> 703
<212> DNA
<213> Homo sapiens

<400> 2666
ttgtgaacca gatgatgaaa gtggctatga tgttttagcc aacccccag gaccagaaga 60
ccaggatgat gatgacgatg cctatagcga tgtgtttgaa tttgaatttt cagagacccc 120
cctcttaccg tgttataaca tccaagtatc tgtggctcag gggccacgaa actggctact 180
gctttcggat gtccttaaga aattgaaaat rtctctcccg catatttcgc tgcaattttc 240
caaacgtgga aattgtcacc attgcagagg cagaatttta tcggcaggtt tctgcaagtc 300
tcttgttctc ttgctccaaa gacctggaag ccttcaaccc tgaaagtaag gagctgttag 360
atctggtgga attcacgaac gaaattcaga ctctgctggg ctcctctgta gagtggctca 420
ccccagtgat ctggcctcag acaactactg gtgagcaagc tggacccasc mtgtacagtg 480
tgttatagtg ttaatccttg tgcatatgtg tcataataca actatttctg taaagaaagg 540
acactattac atatgaaaat atctcttctt tatataagag aaattactcc agtcagaagg 600
acttagaaac atgtttttt ccttttaaac ttttaagtca gtttttatga agttgttata 660
atgtttcttt acttttcaat gcacacatgc tttgggatac gtt 703

<210> 2667
<211> 1018
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1018)
<223> n = A,T,C or G

<400> 2667
aattccgttg ctgtcggaaa ctccctggag cgacgcagcg tccggatgaa gcggccttcc 60
tcggtcaagt cgctgcgctc cgagcgtctg atccgtacct cgctggacct ggagttagas 120
cwssaggcga caagaacctg gcacagccaa ttgacccagg agatctcggt gctgaaggag 180
ctcaaggagc agctggaaca agccaagagc cacggggaga aggagctgcc acagtggttg 240

cgtgaggacg agcgtttccg cctgctgctg aggatgctgg agaagcggca gatggaccga 300
gcggacacaa gggtgagctt cagacagaca agatgatgag ggcagctgcc aaggatgtgc 360
acaggctccg aggccagagc tgtaaggaac ccccagaagt tcagtctttc agggagaaga 420
tggcattttt caccoggcct cggatgaata tcccagctct ctctgcagat gacgtctaat 480
cgccagaaaa gtatttcctt tkttccaytg accaggctgt gaacattgac tgtggctaaa 540
gttatttatg tggtgttata tgaaggtact gagtcacaag tcctctagtg ctcttgttgg 600
tttgaagatg aaccgacttt ttagtttggg tcctactgtt gttattaaaa acagaacaaa 660
aacaaaacac acacacacac aaaaacagaa acaaaaaaaa ccagcattaa aataataaga 720
ttgtatagtt tgtatattta ggagtgtatt tttgggaaag aaaatttaaa tgaactaaag 780
cagtattgag ttgctgctct tcttaaaatc gtttagattt tyytsgttgt acagctccac 840
cttttagagg tcttactgca ataagaagta atgcctgggg gacggtaatc ctaataggac 900
gtcccgcact tgtcacagta cagctaattt ttcctagtta acaatttgtc atattammmm 960
ntgcacagam maccattggg ggggattcag aggtgcatcc acggntcttc ttgagctg 1018

<210> 2668
<211> 587
<212> DNA
<213> Homo sapiens

<400> 2668
atcatattca agttggcagg tttgactgtt cctctgcacc agacatctgt agtaatctgt 60
atgtttttca gccgtctcta gcagtattta aaggacaagg aaccaaagaa tatgaaattc 120
atcatggaaa gaagattcta tatgatatac ttgcctttgc caaagaaart kygrmwkmks 180
atgttaccac gcttggacct caaaattttc ctgccaatga caaagaacca tggcttgttg 240
atttctttgc cccctggtgt ccaccatgtc gagctttact accagagtta cgaagagcat 300
caaatcttct ttatggtcag cttaagtttg gtacactaga ttgtacagtt catgagggac 360
tctgtaacat gtataacatt caggcttatc caacaacagt ggtattcaac cagtccaaca 420
ttcatgagta tgaaggacat cactctgctg aacaaatctt ggagttcata gaggatctta 480
tgaatccttc agtggtctcc cttacaccca ccaccttcaa cgaactagtt acacaaagaa 540
aacacaacga agtctggatg gttgatttct attctccgtg gtgtcat 587

<210> 2669
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2669
gggaagttgt tgttcaaatc tgtagtgtgt ccagtcagca caaacgagga aatgatggca 60
gagttagttt aataaaacag agggaatcta cgttaggtat catgtatcgg agtgaactgc 120
tttcttttat caaaaaatta cgagaaccac tcgttttgac tattatttta tcactctttg 180
tgaaacttca caatgttcgg gaggacattg tgaatgatat tacagctgaa cacatttcta 240
tttggccatc ttccattccc aacctccagt ctgtggactt tgaagctgtg gcaatcacag 300

<210> 2670
<211> 1187
<212> DNA
<213> Homo sapiens

<400> 2670
gggagacctа tacctagatg ttgctgaagc ttttctggat gttggtgaat ataattctgc 60
acttcccctc ctcagtgctc ttgtttgctc tgaaagatac aaccttgcag tagtttggct 120
tcgtcatgca gaatgtttaa aggccttagg ctatatggag cgagctgctg aaagctatgg 180
caaggtggtt gatctggccc cactccattt ggatgcaagg atttcacttt ctacccttca 240
gcagcagctg ggccagcctg agaaagctct ggaagctctg gaaccaatgt atgatccaga 300
tactttagca caggatgcaa atgctgcaca gcrggaactg aagttattgc ttcatcgttc 360
tactctgttg ttttcacaag ggcaaaatgt atgggttatg tgggatacct tacttactat 420
gttaggccat gcttttaaag gtagcaatga atcgagccca agtttgtttg atatccagtt 480
ccargtctgg agagaggcat ctttatctta ttaaagtatc gagagacaaa atatcagaca 540

gcaatgacca agagtcagca aattgtgatg caaaagcaat atttgctgtg ctcacaagcg 600
tcttgacaaa ggatgactgg tggaatcttc tgttgaaggc catatactcc ttatgtgacc 660
tatcccgatt tcaagaggct gagttgcttg tagattcctc attggaatat kactcatttt 720
atgatgacag gcaaaaacgc aaagaactag aatactttgg tctgtctgct gcaattctgg 780
acaaaaattt cagaaaggca tacaactata tcaggataat ggtaatggaa aatgtcaata 840
aaccccagct ctggaacatt ttcaatcaag ttaccatgca ctcccaagat gtacgacatc 900
atcgcttctg tctccgtttg atgctgaaaa acccagaaaa tcatgcccta tgtgtcttaa 960
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cctttcgcac tcaccctgac gaacctctct atagcttctg tataggccta acctttattc 1080
atatggcatc tcagaagtat gtgttacgga gacaagctct taatgtacag ggctttccct 1140
ttctaatcgg tacctcaatt acgtggggcc tgcaggaatc catctac 1187

<210> 2671
<211> 1402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1402)
<223> n = A,T,C or G

<400> 2671
aattccgttg ctgtcggcca ctgcgcacgg cctggggagg ttttatttct tgacaaaggt 60
atttgatact cgtgcagtcc ctggagggtc tcactggaga gacaacattt aggctgagat 120
ctgattaaca ggaggcagct gcagtgcaga ggtcaaaagg gagggtgttc caggcagaga 180
aaacagcctg tgcaaaggcc ctgaggmaga aacaaactct acttgaggtc agcctggtta 240
gaaagcccaa ctcaaaatag aaagtattac atgataaggt ctgaggcagg ctggacccag 300
atcttacagg accttgttaa taaggatccc atttggtccc ccacagtcct gagaagcggg 360
cagggctgtg ggaaacagca gatatttagt ggtaagcctg agatcagaac ccaagtctgc 420
acttcctagt nacgttctcc ctgtagtgct aagcccagag acctgagctg ttaacctaga 480
acagtgtgct tcctaagcct taatgtgcat acccatcgcc tggagctcgc cttaagatgt 540
aggttctgcc tgaagcccaa gttcatttag tatgtcatgg ttaattcaga gtaaaatcaa 600
gagttagtac ttgatttatg cttgttatat aaagaaagag acaacttcac tgtatgatca 660
ttttgtcact tttcaaaagc atttaattcc cattcaattg aaaatgtttc aagaacaaac 720
ctgtttggtc attttattga tattgcacat ttgtatatga ataaattttt gcaaattaar 780
raaraaaaga tgtaggttct gaaacagggt gaggtccagg atcctgcctt tctaaggagc 840
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aaccacagta aattgctcca tttcctaaat tacctcttca agagaagact ggttttgatg 1020
tcatttttaa ataaaggaga agttgaattt caaaaccaag tggaacagga atgatgtgac 1080
ttggttgaca ttgattttaa catttggttc atggtgagtg ttttgcttta ttgttaaaaa 1140
ctcgccacta aaagcatgac agaacatttt atcaaatgat ggcgtcatcc tttaccgtaa 1200
gtttgccccc agcaagacag ctcttcctga gacgtgcttg caggcccctа tgtgggtttt 1260
cccaccgcag tcatcatccg tcatctgtga ccttgctgca tttactccat gctcacaccc 1320
cagcagcccg cnggggtttg ggcatcgccc ttcagngggc atcaaacttc cccnggtggc 1380
aatgttacaa gagttaggcc ag 1402

<210> 2672
<211> 343
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(343)
<223> n = A,T,C or G

<400> 2672
tttagatgaa gtgctgagaa tatttagaaa aagcgcttta aaaagcatct agagattatc 60
atgaaaataa ttggagmmaa agtcactagg ctgctttgtg agaggcagca taccatggct 120
ctaaacccgt tcacaaaaaa caatgttaga gacattagga attcaggttt tgaaaatctt 180
ttttttcgatt tatttgtaat ttacatacca aaaaaccaca ttaaaatagt cctcccttca 240
acatggctat ctttttttcaa gttttatatg catagctctc tcagcacttg aatggaaaam 300
tgtacagcat tgggagnagt tnttctttga gacantgggc agt 343

<210> 2673
<211> 509
<212> DNA
<213> Homo sapiens

<400> 2673
gccctgtttg cctataagat gtcatcggtg cagatgatgt ttggggtcaa tttcttctcc 60
tgcctcttca cagtgggctc actgctagaa caggggccc tactggaggg aacccgcttc 120
atggggcgac acagtgagtt tgctgcccat gccctgctac tctccatctg ctccgcatgt 180
ggccagctct tcatctttta caccattggg cagtttgggg ctgccgtctt caccatcatc 240
atgaccctcc gccaggcctt tgccatcctt ctttcctgcc ttctctatgg ccacactgtc 300
actgtggtgg gagggctggg ggtggctgtg gtctttgctg ccctcctgct cagagtctac 360
gcgcggggcc gtctaaagca acggggaaag aaggctgtgc ctgttgagtc tcctgtgcag 420
aaggtttgag ggtggaaagg gcctgagggg tgaagtgtcc tactaaaaag aataaatgtt 480
ggcagtgaat taaacaattt ttcaaatga 509

<210> 2674
<211> 485
<212> DNA
<213> Homo sapiens

<400> 2674
aattccgttg ctgtcgggca gtggtttctt agatgttgac accaaaagca cacgtggcaa 60
aagaaaaagc aaagtcaaca ccatcaaaga tgaaagtgtt cgtgcttcag ggaacactat 120
caagaaagtg aaaagacaac ccaagaatgg gatagtattt tsyamwwcwm mtawmtkytr 180
mgrmkctyga yatctattct agctatagga ctcttacaac ttaataaaag agaaaaccca 240
cctgggtgca ctggctcacg cctgtaatcc cagcactttg ggaggccagg cggacggatc 300
acttaagccc aggagttcaa gaccagcttg ggcaacacgg caaaaccctg tctctacaaa 360
aaataccaaa ataattagtc gggtatggtg gcgggcacct gtggtcccag ctaatcgaga 420
ggcagaggtg ggaggatctc ttgggcccag gaggtggagg ctgcagtgag ccaaaatcag 480
accat 485

<210> 2675
<211> 1260
<212> DNA
<213> Homo sapiens

<400> 2675
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ctgcccctgt atgcgcgccc catcttcctg cgcctcctgc ctgagctgca caaaacagga 120
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ggatgatgtc ttgggtgagg gtagggagag gacaaggggt caccgagccc ttcccagaga 600
gcagggagct tataaatgga accagagcag aagtccccag actcaggaag tcaacagagt 660
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<210> 2676
<211> 649
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G

<400> 2676
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accaccactg tccctgggtc aacaactgtg taggcgagaa caaccagaag tacttcgtcc 180
tgtttacaat gtacatagct ctcatttcct tgcacgccct catcatggtg ggattccact 240
tcctgcattg ctttgaagaa gattggacaa agtgcagctc cttctctcca cccaccacag 300
tgattctcct tatcctgctg tgctttgagg gcctgctctt cctcattttc acatcagtga 360
tgtttgggac ccaggtgcac tccatctgca cagatgagac gggaatagaa caattgaaaa 420
aggaagagag aagatggggc taaaaaaaca aaatgggatg aacatgaaag ccgtttttkg 480
gccacccctt cttytctagg gcttggggcc agccccttttt tgccacggsc aggaccaagg 540
gggargggma gacccccttac cagtatgttg ggggttttaa gggggccccc gacccggcat 600
ttgggccact ttaggncaca agttncccca ancacaagca ctttaccgt 649

<210> 2677
<211> 862
<212> DNA
<213> Homo sapiens

<400> 2677
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atctcagtca swwcatgtat tcagyayttk cttctmtctg gaytammttr aagttactss 120
ssktymccaa gcagtgaaac gaatggacca aaggggtaaa tctctttgaa caagaaatta 180
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gaatgtttac ttgtaaatat gcagattata tttctaggga caaacctatc acatttactc 480
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tgtgagaaaa ctttgcctgg tccctctagc tgctggtggt tctttcacag acatttccat 600
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gctgtcaaaa gtgcatgaag gcctctcact gtactctagt cctgacttgg ggtgcagagg 720
gctgcttgca atcctgtttg taaggctgtg cctgctcaga gctttggrct gttcaaccca 780
cacaagaaca aacgctaact aatatttttt ttaagagatt cttttcccta tgaatgtggg 840
aaatgcagga tttattctgt ga 862

<210> 2678
<211> 655
<212> DNA

<213> Homo sapiens

<400> 2678
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actattttta gcagacaaaa aaaagaacta agtataaaat gtataaatat ttttgacttg 120
aacatttgga tggcactggg tsmamgtaga gcatccatcc ttcggatgra atgtttggaa 180
aaaagagact tttaaaaagg agacggttgt tttaaagagt ctgtttaggg gttaaagtac 240
tgtaactcac gactgttaaa aaataaattt tcctgtgctg taaaggaagg tttcacagta 300
ccactgagtt agatttcagc cacagatgct tagcttttt tttttgtctt ttttttaagg 360
aggaagcctt tgttttgttt tcctgagccc tcactctgtt tttgtgctgt tactcggtag 420
agtcaagact gttacttttt agccatggct gacattgtat caataactaa aactgaaaca 480
ttcaaaagcg aacagggaaa ccgagggctt caagcgtgct cagagccgtt tcagacagtg 540
gaaatccatg acaaacaaaa ggatgtgatc attaattgta aagcgctttg taaaattcac 600
atttacaaaa taataaagtc agttcaaacc taaaaaaaaa aaaaaaaaaa aaaaa 655

<210> 2679
<211> 844
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(844)
<223> n = A,T,C or G

<400> 2679
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aaacatatgc agtcccagca actggagaat tacaagaaaa ataagaggaa ggaacttgaa 120
accttcaaag ctgaactaga tgcagagcac gcccagaagg tcctggaaat ggagcacacc 180
cagcaaatga agctgaagga gcggcagaag ttttttgagg aagccttcca scaggacmtg 240
gascwgtacc tgtycactgg stactctgma gattgcagwg yggygagmyc mtwagncagc 300
atgtcatcca tggaagtgaa cgtggacatg ctggagcaga tggacctgat ggacatatcg 360
gaccaggagg ccctggacgg tcttcctgaa ctctggagga gaagagaaca ctgtgctgtc 420
ccccgcctta gggcctgaat ccagtacctg tcagaatgag attaccctcc aggttccaaa 480
tccctcagaa ttaagagcca agccaccttc ttcttcctcc acctgcaccg actcggccac 540
ccgggacatc agtgagggtg ggagtccccc gttgttcagt ccgatgagga ggaagttcag 600
gtggacactg ccctggccac atcacacact gacagagagg ccactccgga tggtggtgag 660
gacagcgact cttaaattgg gacatgggcg ttgtctggcc acactggaat ccagttttgg 720
ctgtatgcgg aattccacct ggaaagccag gttgttttat agaggttctt gatttttaca 780
taattgccaa taatgtgtga gaaacttaaa gaacagctaa caataaagtg tgaggacggt 840
aaaa 844

<210> 2680
<211> 415
<212> DNA
<213> Homo sapiens

<400> 2680
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tgatgagatg gggaaagtgg gctcaagagg tctggatctg tggtgagatg ggggaagtgg 120
gctcaggagg tctggatctg tgatgagatg gggraagtgg gctcaggagg tctggatctg 180
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gctcaggagg tctggatctg kgrtggrgat ctggagtgga agkggarytc akkwgktcwk 300
krtctrtcct tttgtattga ttgaattttt tatatatata tgtgaatttt cacaataaaa 360
tttttttcca aaataaaata aacaaaaggg gctttttgca acccaattcc tatct 415

<210> 2681
<211> 647

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(647)
<223> n = A,T,C or G

<400> 2681
cacaggccct tttgtgatgc gttccacgtg taggagatgt ggtggccgcg gctccatcat 60
catatcgccc tgtgtggtct gcaggggagc aggacaagcc aagcagaaaa agcgagtgat 120
gatccctgtg cctgcaggag tcgaggatgg ccagaccgtg aggatgcctg tgggaaaaag 180
ggaaatttcc attacgttca gggtgcagaa aagccctgtg ttccggaggg acggcgcaga 240
catccactcc gacctcttta tttctatagc ycaaggctct tcttggggga acwgmcwsmg 300
tcccagrgcc tgtacgagac gatcaacgtg acgatccccc ctgggactca gacagaccag 360
aagattcgga tgggtgggaa aggcatcccc cggattaaca gctacggcta cgagaccact 420
acatccacat caagatacga gttccaaaga ggctaacgag ccggcagcag arcctgatcc 480
tgagctacgc cgaggacgag acagatgtgg aggggacggt gaacggcgtc accctcacca 540
gctctggaaa aagatccact ggaaactagg ccgggaagca gcagcccctc caagggncag 600
ggcacctgng acgacgngag gnttccaqan cagcagcact gagctcc 647

<210> 2682
<211> 870
<212> DNA
<213> Homo sapiens

<400> 2682
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gaggggctga tccgcatcta cagcatgagg ttctgccccc attctcacag gacccgcctc 120
gtcctcaagg ccaaagacat cagacatgaa gtggtcaaca ttaacctgag aaacaagcct 180
gaatggtact atacaaagca ccctttggc cacattcctg tcctggagac cagccaatgt 240
caactgatct atgaatctgt tattgcttat tcktgagtay cwgrayrmyr cytatcywkg 300
raggaagctg tttcmatatg acccttatga acgagctcgc caaaagatgt tattggagct 360
atttkgtaag gtcccacatt kgacccaagg agtgcctrgt agcgttgaag atgtgggaga 420
gaatgcacta atctgaaggc agccctgcgt caggaattca gcaacctgga agagattctt 480
gagtatcaga acaccacctt ctttggtgga acctgtatat ccatgattga ttacctcctc 540
tggccctggt ttgagcggct ggatgtgtat gggatactgg actgtgtgag ccacacgcca 600
gcctgcggct ctggatatca gccatgaagt gggaccccac agtctgtgct cttctcatgg 660
ataagagcat tttccagggc ttcttgaatc tctattttca gaacaaccct aatgcctttg 720
actttgggct gtgctgagtc tcactgtcca ccccttcgct gtccagaatt ccccagcttg 780
ttgggagtct acgtcacggc ttgtcttggg aaccaatccg tctctctttc ttttctttga 840
agttcccaat aaaatgaaaa caggaaatgt 870

<210> 2683
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2683
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atttacccaa ataaagtata ggcgatagaa attgaaacct ggcgcaatag atatagtacc 120
gcaagggaaa gatgaaaaat tataaccaag cataatatag caaggatcct cctgtttacc 180
ctgtacctcc aatgtctggc acttgtaggt gctcaaatat tcgttgaatg aatgaaaaat 240
ccatattgta attgatgtcc tctggccaca tagttttaaa attaggtgat tgattatatg 300

<210> 2684
<211> 2672
<212> DNA

<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2672)
<223> n = A,T,C or G

<400> 2684

aaaagaaaac gagaccaagt aataaagcag aaggaagaag aagcacagaa gaagaaatct 60
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cagaaattgc aagaagagca agaaaatgcc cccgagtttg tgaaggtgaa aggcaatctc 180
aggagaacag gccaagaagt cgcccaagcc caggagtcct aggctgaggc tgcaccaaga 240
cctcgtgtgt caccccacag agctgtctgt gggtgccttc tcaatctcag ggcaaaagcc 300
cctggagaat atttcagcca gcagagaatt ttgacttgca gtaggatttg gtttgatttt 360
cctacgatct gggtggatgc cttgcctgtg acagttgcag ttcctattcg ccaaatgaag 420
ggcagtgccc cgcacgtaaa gttggaatga tggacctgtg ttcagagact taacagaacc 480
aacaagcaaa acaagtgaga acaggaaaaa ggaagaggac actggaatca attcttgaga 540
gttgcactac ttggtttttc ttccattcca agtttcgtgg gacccagagc cttttttctt 600
ttaaaagcta aaaaacaagt gtttaattcc tctttttgtt atctgttaga taattgagat 660
cacctagaaa tgcgtttaat ctgttcactc actgtaaatt ttgaggaccc agaattgtct 720
tgtttaattt atactttcac ccctgttgca gttaacacca gagaaggaac gtgaatgtcg 780
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tgagcagttt ttggtgcctt tgaggccacc tttttggncc aaaaatgggc tcccattttt 2580
ccacagcggg gggttttccc ttaaaatngg tttaaagggt tttaanaggc cccntaggna 2640
ggaagnggtt ggccttcctt aaggccaaaa aa 2672

<210> 2685
<211> 1282
<212> DNA
<213> Homo sapiens

<400> 2685
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tcggcagctg gtgcgggggg cagctgagag cgagaggtgg atcggggcgg tgtgtggcca 120
gggcmrtgac gggcaatgcs gkggagtggt gcctcatgga aagcgacccc ggggtcttca 180
ccgagctcat taaaggattc ggttgccgag gagcccaagt agaagaaata tggagtttag 240
agcctgagaa ttttgaaaaa ttaaagccag ttcatgggtt aatttttctt ttcaagtggc 300
agccaggaga agaaccagca ggctctgtgg ttcaggactc ccgacttgac acgatatttt 360
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aagaagatgc ttttcacttt gtcagttatg ttcctgttaa tgggagactg tatgaattag 660
atggattaag agaaggaccg attgatttag gtgcatgcaa tcaagatgat tggttcagtg 720
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gatacaagat tgagaatatc agaaggaagc ataattatct gcctttcatt atggaattgt 1020
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ctataatctg tgatgacata aaagtatttg acctaaaatc tttttatttg caaaataata 1260
aataaaaagt gattctccct cg 1282

<210> 2686
<211> 681
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(681)
<223> n = A,T,C or G

<400> 2686
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tctgcacaga catagcctct cggggcctgg accagcactg gtgtggagct ggttgtcaat 180
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gggagcgarg tgccaggcac cgtcatcagt tttgtgaccc atccctggga tgtgagcctg 300
gttcagaaga ttgagcctgg cggctcgccg aaggaraagt cttccnagga ctagcatcct 360
cggtgaaaga gcctttgccc caagcaacct gattttgaca aatctgatta aaatgtgatg 420
ctagaacagg gatctttccc agtatcttga gtgggtgacc cacacttgtc agtgggaggc 480
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gacacaagtg gattttgact ttgtatcatg tcatgatttc taacaataaa tgatgttttt 660
atgtgcaaaa aaaaaaaaaa a 681

<210> 2687
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2687
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gggccaagag gatgaagtgg tcttggtgga agggcccacc ctcccagaga ccccccgact 120
cttcccactc aaaatccgtt gccgggctga cctggtcaga ttgcccctca ggatgtcgga 180
gcccctgcag agtgtggtgg accacatggc cacccacctt ggggtgtccc caagcaggat 240

ccttttgctt tttggagaga cagagctatc acctactgcc actcccagga ccctaaagct 300

<210> 2688
<211> 964
<212> DNA
<213> Homo sapiens

<400> 2688
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ccagggtctg gaagggccct gggagcgccc acccccctctg gatgagtccg agagagatgg 120
aggctctgag gaccaagtgg aagacccagc actaagtgag cctggggagg aacctcagcg 180
ccccttcccc tctgagcctg gcacataggc acccagcctg catctcccag gaggaagtgg 240
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cctgccagtc attcctccat tcacccagcg gaggtgggat gtgagacagc ccacattgga 480
aaatccagaa aaccgggaac agggatttgc ccttcacaat tctactcccc agatcctcty 540
ccctggrcac aggagaccca cagggcagga ccctaagatc tggggaaagg aggtcctgag 600
aaccttgagg taccccttaga tccttttcta cccactttcc tatggaggat tccaagtcac 660
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acattttggg aatcttccct taatcaccct tgctcctcct gggtgcctgg aagatggact 780
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<210> 2689
<211> 635
<212> DNA
<213> Homo sapiens

<400> 2689
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caaggtcttc tgggagaatc acgacccgac ccaaggtatg cgccagggga acgacccatg 180
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acatccggga gggacagact ttctactatg cggaagacta ccaccagcag tacctgagca 360
agaaccccaa tggctactgc ggccttgggg gcaccggcgt gtcctgccca gtgggtatta 420
aaaartaatt gctccccaca tggygggcct ttgaggttcc agtaaaaatg ctttcaacaa 480
atgggcaatg cttgtgtgat tcacaatcgt ggcatttaaa gtgcacaagt acaaggaatt 540
tatacagatt ggkttaccgm agtataatct ataggaggcg cgatggcagt gataaatgtg 600
acttatctcc taataagtat gggggggtgga gctgt 635

<210> 2690
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2690
agcaaatgtg ggaactgcca aaccaaactg cacgacatcg acggcgtacc tcacctcatc 60
ctcatcgcct cccgagacat cgcggctggg gaggagctcc tgtatgacta tggggaccgc 120
agcaaggctt ccattgaagc ccacccgtgg ctgaagcatt aaccggtggg ccccgtgccc 180
tccccgcccc actttccctt crtcaaagga caaagtgccc tcaaagggaa ttgaattttt 240
tttttacaca cttaatctta gcggattact tcagatgttt ttaaaaagta tattaagatg 300

<210> 2691
<211> 300

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 2691
caaatgtggg aactgccaaa ccaaactgca cgacatcgac ggcgtacctc acctcatcct 60
catcgcctcc cgagacatcg cggctgggga ggagctcctg tatgactatg gggaccgcag 120
caaggcttcc attgaagccc acccgtggct gaagcattaa ccggtgggcc ccgtgccctc 180
cccgccccac tttcccttct tcaaaggaca aagtgccctc aaagggaatt gaatttttt 240
tttacacact taatcttagc ggattacttc anatgttttt aaaaagtata ttaagatgcc 300

<210> 2692
<211> 676
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(676)
<223> n = A,T,C or G

<400> 2692
cttgaatccc ttgaccttac tgatgagaaa aaggtcctcg agtgggctca ggagaagcgt 60
aagctgagcg tgttgcatat tcacggagtc tacaccaacc ctagtggcat tgtccttcat 120
ccggctggat atcagaacgt gctcaggaac actgaagtca tgagagaaat tcagaaactc 180
tacgaaaaca agtcatttct tttcctgggc tgtggctgga ctgtggatga caccactttc 240
caggcccttt tcttggaggc tgtcaagcat aaatctgacc tagaacattt catgctggtt 300
cggagaggag acgtagatga gttcaaaaag cttcgagaaa acatgctgga caaggggatt 360
aaagtcatct cctatggaga tgactatgcc gatcttccag aatatttcaa gcgactgaca 420
tgtgagatct ccacaagggg tacatcaggg atggtgagag aaggtcagct aaatggctca 480
tctgcagcac acagtgaaat aagaggctgt agtacatgag cgagctagag aaatcaccac 540
cgtttangac caagctgtaa ggccctacta cagacagtgt ttaacaagta aactttacaa 600
gaacccaaca caattcccca gaaagtnacc aatagccnga ggttgnaggg nccggggttg 660
aacaacgggg ggnatg 676

<210> 2693
<211> 829
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(829)
<223> n = A,T,C or G

<400> 2693
aattccgttg ctgtcgctta cttctcacac ccagccatcc gctatcaccc tcaggagacg 60
ctgaaagaat ttgtccaact tgtctgccct gatgctggtc agcaggctgg acaggtgggg 120
ttcctcaatc ccaatgggag cagccaaggc aaggtgcaca acccattcct tcccacccca 180
atgttgccac cgccaccgcc accaccgatg gccaggcctg tgcctctgcc ggtgccagac 240
acaaagcctc caaccacgtc aacagaagga ggtgcagcct cccccacgtc accaatcctr 300
ctcgacaccc agcacctccc ccgcaaaccg attcgtcagt gttggaccac gggatccaag 360
ctttgtaaat atccctcaac agacacagtc ctggtacctg ggataaaagt tgcagcgtcc 420
caccatccac cagacagacc acctgayccc ttctcaactc tgtaacatgg acgcaacctc 480

aacccagcgc agttacaact tcactatcag cggaagggga gaaaaaccga ttcaaatcaa 540
cttgtacatg gaaacagcaa gcattatggt caaacagcaa aggccataac cttttgggat 600
ttttttttt ttaaaatact ttagggactg ttgtaatttc tcatatggtg ctggaaatgg 660
ttgggctttg taacatttga agtgtttcca tggtarcgtg amatttaggt tgacgtggct 720
aagccggagg gactaaccct tgctcactga cttcctgttg taaacacttt ccttamgggg 780
cctgggctgt tttcacagta atttcnatga aatttacccc acacaggtg 829

<210> 2694
<211> 396
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 2694
cggatatcct ctccctcatc aaacttttct ccaccaactt tagcatctgg ttgccaccct 60
ccaaaatggc cccagtgatc ccatctccta ataagtacat gtctgtgtgg tcctctccya 120
cactgcatag gaatggctta cgtaaccaat aggtagttga ggatgtgatg cagtctgact 180
tttgaggcta agttgtaaag aaagacactg tgtctttcct ccttgttgtc ttggagcgct 240
tgctctngga gaaagccaga ggttcatgtt cgtgagggat aacttcaagt tgnccatttg 300
ggagaggtgn acattgggtg aaggaaatga aggncctaac tggccaattg nacccatgtt 360
aaagttnagt ccaaccaagg gnagattatt taccca 396

<210> 2695
<211> 467
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(467)
<223> n = A,T,C or G

<400> 2695
ggcttctgca accaggaccg gaggacactc ccgggggggc agcctccccc ccgggtgttt 60
ctggccgtgt ttgtggaaca gcctactccg tttctgcccc gcttcctgca gcggctgcta 120
ctcctggact atccccccga cagggtcacc cttttcctgc acaacaacga ggtcttccat 180
gaaccccaca tcgctgactc ctggccgcag ctccaggacc acttctcagc tgtgaagctc 240
gtggggccgg aggaggctct gagcccaggc gaggccaggg acatggccat ggacctgtgt 300
cggcaggacc ccgagtgtga gttctacttc agcctggacg ccgacgctgt cctcaccaac 360
ctgcagaccc tgcgtatcct cattgaggag aacaggaagg tgatcgnccc catgctgtnc 420
cgncacggna agcttgtggt ccaacttctg ggggcgccct gagcccc 467

<210> 2696
<211> 706
<212> DNA
<213> Homo sapiens

<400> 2696
gtcggctctt cctatcattg tgaagcagaa ttcaccaagc gttggattgt tcacccacta 60
atagggaacg agagccgaac agctgaagag agttcactga ctccccagcc ccaggtgggc 120
cttgtgcaca tcatgaccag ttttgaagat gctgacacag aagagacagt aacttgtctc 180
cagatgacgg tttaccatcc tggccagttg cagtgtggaa tatttcagtc aataagtttt 240
aacagagaga aactcccttc cagcgaagtg gtgaaatttg gccgaaattc caacatctgt 300
cattatactt ttcaggacaa acaggtttcc cgagttcagt tttctctgca gctgtttaaa 360

aaattcaaca gctcagttct ctcctttgaa ataaaaaata tgagtaaaaa gaccaatctg 420
atcgtggaca gcagagagct gggctaccta aataaaatgg acctgccata caggtgcatg 480
gtcagattcg gagagtatca gtttctgatg gagaaggaag atggcgagtc attggaattt 540
tttgagactc aatttatttt atctccaaga tcactcttgc aagaaaacaa ctggccacca 600
cacagrccca taccggagta tggcacttay tcgctctgct cctcccaaag cagttctccg 660
acagaaatgg gatgaaaatg agtcatggac acagaaagtc taaagg 706

<210> 2697
<211> 566
<212> DNA
<213> Homo sapiens

<400> 2697
cagctcctcc accagcataa tgggacccag catccctgcc aaaactcggg aggtgctcgt 60
cagccacctg gcatcttaca acacatgggc tttacaaggc atgtatggag tttcttgtgg 120
gcttsgsagg tgsyygtsaa ggccaycwgy gatctkaagc cwryacwtgs scytymcmag 180
gtcctgtgag tggagaggca cagagtgttc tgggctagct gagtgtggag gctgggtggc 240
tctgatgcta gccaatcact ctacgctcta ggctcacacc tttccaccty cgacttcgcc 300
agcagaagtc ttgagttcaa tctcattgcc crggcttggg tcacatgtcc atccatgaac 360
caatcactag actgggtgcg gaaactctga tttgccaagt tcgggtcatg tgtctcacta 420
ggtaagagca gaggaggatc acccccagga agaccagagt gctctttcag aagagtggga 480
caatcgctgg atggctcttt gcaccactca ctcctgttct ctgctagggc tgctgggact 540
cacaaggggt aggttgtggc agctgc 566

<210> 2698
<211> 760
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(760)
<223> n = A,T,C or G

<400> 2698
ttgaaattac aaatcacgca actgcaacac tagaaggcaa tcagattttt aacaaccggt 60
ttggaggctt atttttagca tctggtgtta atgtgacaat gaaagataac aaaataatga 120
acaatcaaga tgccatagaa aaggctgtta gtagaggcca atgtttatat aaaatatcaa 180
gttataccag ctatcccatg catgatttct acagatgtca tacttgtaac accacagatc 240
gaaatgccat atgtgtgaac tgcattaaga agtgccatca gggacatgat gtagagttta 300
ttagacatga taggtttttc tgtgactgtg gtgctggaac actgtctaat ccttgtacat 360
tagctggtga gctacacatg atacagatac actatatgac tctgctccac ctatagaats 420
taatacattg cagcacaact gaattccttc cctaaagaaa aagtccctgc ccattggtaa 480
catccataac tttaaaacac tttttttgga agaagattta aaatattttg gcccatggct 540
acagggaaga gactggtatt aaaaatggga tacaccaggt cagttgacac ctatggaagc 600
ctccaagcta cccaaaaagg aaagtggggc natatattgg actccnggga tctccnaagc 660
ctggggtggn tttaggcatt accgggggggt aaagaccttt gaaggggcca gaagttggag 720
gaaataagcc ggccattttg gtncggatcc caccttctgg 760

<210> 2699
<211> 273
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 2699
gggatcccga gctgtcctgc agctgtaccc tgagaactca gagcagttgg agctgatcac 60
aacccaggcc acaaaggcag gcttctccgg tggcatggtg gtagactacc ctaacagtgc 120
cannntatan naatnttcct ttgtttnana tntgaccttn ttncnntnnt nctnttngct 180
ntntatnnac ttnttcnaaa nctncttngn gtgntcngtt ctatctatnt atnttntntc 240
tcntttcntt tntgnanctt tgattntatt tat 273

<210> 2700
<211> 334
<212> DNA
<213> Homo sapiens

<400> 2700
gttaacaagc gtcatgaaca ggatgcacgt ggtcagcgtc ccctacgcgc tgatgaaggc 60
gaacccactc tcctggatcc agaaagtgtg cttctataaa gctcgggccg cgctggtgaa 120
gtcgcgagac atgcactggt ctctcctagc tcagcggggc cagagggacg tcagcctcag 180
ctcactgcgc atgctgattg tggccgatgg tgccaacccg tggtcgatct cctcctgtga 240
cgccttcctc aacgtcttcc agtccagagg tctgaggcca gaggtcatct gtcctrgtgc 300
aagttctcct gaggcgctga cttgtcggca tccg 334

<210> 2701
<211> 306
<212> DNA
<213> Homo sapiens

<400> 2701
ggtagaagca gcaaagaaag cccaccatgc agcgtgcaaa gaggagaagc tggctatckc 60
rcrwgaagcc aacagcaagg cagacccatc cytcaaccct kaacagctca agaaattgca 120
agacaaaata gaaaagtgca agcaagatgt tcttaagacc aaagagaagt atgagaagtc 180
cctsaaggaa ctcgaccagg gcacacccca gtacatggag aacatggagc aggtgtttga 240
gcagtgccag cagttcgagg agaracgcct tcgcttyttc cgggaggttc tgcttggagg 300
ttcaag 306

<210> 2702
<211> 1078
<212> DNA
<213> Homo sapiens

<400> 2702
ggtgaatgcc acacccttca agattgctcg aggccagatc ttgaagatac tcacagggaa 60
gatagtggtg gggcatgcca tccacaacga cttcaaagcc cttcagtact ttcaccccaa 120
gtccctcacc cgtgacacct cccatmkscm csmsctcaac cggaaggctg actgcccgga 180
gaatgccacc atgtctctga agcatctcac caagaagctg ctaaaccggg atatccaggt 240
tgggaagagc ggacattcct ctgtggaaga tgcccaggcc accatggagc tatataagtt 300
ggttgaagtc gagtgggaag agcacctagc ccggaatccc cctacagact agtggcartg 360
gggacgctgg tgatatgagg aggcagaggc agcacccagg agaaacaggg cagtggacca 420
atggacagct ccaccagctc cacatctttg gaagctagat ttggggagag agaagctcta 480
ccccagactt aatacccatt gaaatttcac ctcaggtgtt gtgtcctgtg tctggttaag 540
tgtcccatgg aaggggaaag ccttcacgtc agaacccaac cctatacctt ttacttctta 600
aatggtgcta acacaggtgt cccagggtgc tctgtgccag ttaagatttt taactttcaa 660
ggggcagggc atactgggaa atgtagtttc ccaaactgcc ttatcacttg ggtggacata 720
tgtctccttt tatgcctttt ggtcttgagt aattaacagc atcctcttcc acgctcagaa 780
gtgttctggt tggggccagg catggtggct cacgcctgta gtcccaacac ttagggaggc 840
cgaggcgggc ggatcacctg agatcaggag ttcaagacca gcctggccaa catggcgaat 900
tcccgttctc tactaaaaat acaaaaaatg tgtggggtgt ggtggcagga gcctgtaatc 960
ctagctactc aggaggctga ggcaggagaa tcgcttgagc ccaggaggcg gagattgcag 1020
tgagccgaga tcgtgtcact gcactccagc ctgggtgaca agagtgagat ccgtctcc 1078

<210> 2703
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 2703
ccgtgggact agggcggcga tggtgtccca tgcagagtgc cgtcctctgg gagtgtttga 60
gtgtgaactc tgtacnttga cagctccgta cagctatgtg ggacagaagc cccccaacac 120
ccagtcgatg gtgaatgcag tttattctac tccaagagat tctgcctccc ttgtgtccgg 180
gagaacatca atgcttttcc tcaggaaatt cggcaagact tggagaaaag gaaagctcca 240
tcaaagagga cccccagcca gcccggttct cggacgtgag tgcaactggg gctaggtcat 300

<210> 2704
<211> 441
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(441)
<223> n = A,T,C or G

<400> 2704
ccgatacgag gcaaacgggg aagttaagca aagaccaatt cgcgttagct atgtatttca 60
ttcagcagaa ggtcagtaaa ggcatcgacc ctcctcaagt cctctcgccg gacatggtcc 120
cgccttcgga gagaggcacg cccggcccgg acagttcagg ctctctcggc tccggggagt 180
ttactggcgt gaaggagctt gattgacatc agtcaagaga ttgcccagtt acaaagagag 240
aaatattcac tggaacaaga cattcgagaa aaggaagagg caatcatgac agaaaaccag 300
cgaggtgcag gaattacaaa atgacctaga ccgggaaaca agcagtttnc aggagctcga 360
ncgagacatg ctnagcgacg t 420
441

<210> 2705
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 2705
ccgatacgag gcaaacgggg aagttaagca aagaccaatt cgcgttagct atgtatttca 60
ttcagcagaa ggtcagtaaa ggcatcgacc ctcctcaagt cctctcgccg gacatggtcc 120
cgccttcgga gagaggcacg cccggcccgg acagttcagg ctctctcggc tccggggagt 180
ttactggcgt gaaggagctt gatgacatca gtcaagagat tgcccagtta caaagagaga 240
aatattcact ggaacaagac attcgagaaa aggaagaggc aatcagacag aaaaccagcg 300
aggtgcagga attacaaaat gacctagacc gggaaacaag cagtttncag gaqctcgagg 360
ctcagaaaca ggatgctcaa gacccctgg ncgagatnga ccagcagaag gccaagctnc 420
gagacatgct nagcgacgt 439

<210> 2706

<211> 304
<212> DNA
<213> Homo sapiens

<400> 2706
gggactcgtt accatcactc ccaccacagg ctccgatggg cgcccagatg cccgggtccg 60
cctcgaccgc agcaagatcc ggtctgtggg caagcctgct ctagagcgct tcctgcggag 120
acttcaggtg ctgaagtcca caggggatgt ggccggaggg cgggccctgt acgaggggta 180
tgcaacggtc actgatgcgc cccccgagtg cttcctcacc ctcagggaca cggtgctgct 240
gcgtaaggaa tctcggaagc tcattgttca gcccaacact crccttgaag gctcagacgt 300
gcag 304

<210> 2707
<211> 921
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(921)
<223> n = A,T,C or G

<400> 2707
gaaattctgg tcctcccttc cgagcaacgt ttgcaacgat gagaggatgg ctgcaggaaa 60
cggcaatgag gatgactgtt ggaatgggaa aggcaaaagc aggtacctgt ttgcagtgac 120
aggaaatgga ttagccaacc agggcaacaa cccagaggtc caggttgaca ccagcaaacc 180
agacatactg atccttcgtc aaatcatggc tcttcgagtg atgaccagca agatgaagaa 240
tgcatacaat gggaacgacg tggacttctt tgatatcagt gatgaaagta gtggagaagg 300
aagtggaagt ggctgtgagt atcagcagtg cccttcagag tttgactaca atgccactga 360
ccatgctggg aagagtgcca atgagaaagc cgacagtgct ggtgtccgtc ctggggcaca 420
ggcctacctc ctcactgtct tctgcatctt gttcctggtt atgcagagag agtggaagat 480
aattctcaaa ctctgagaaa aagtgtttca tcaaaaagtt aaaaggcacc agttatcact 540
tttctaccat cctagtgact ttgcttttta aatgaatgga caacmatgta cagtttttac 600
tatgtggccc actggtttaa gaagtgctga ctttgttntc tcattcagtt ttgggaggaa 660
aagggactgt gcattgagtt ggttccctgc tcccccaaac catgttaaac gtggctaaca 720
gtgtaggtac agaactatag ttagttgtgc atttgtgatt ttatcactct attatttgtt 780
tgtatgtttt tttctcattt cgtttgtggg ttttttttttc caactgtgat ctcgccttgt 840
ttcttacaag caaaccaggg tcccttcttg gcacgtaaca tgtacgtatt tctgaaatat 900
taaatagctg tacagaaaaa n 921